

IOWA BIRD LIFE

IOWA ORNITHOLOGISTS' UNION



Spring 2013 . Volume 83 . Number 2



IOWA BIRD LIFE

The Iowa Ornithologists' Union, founded in 1923, encourages interest in the identification, study, and protection of birds in Iowa and seeks to unite those who have these interests in common. Iowa Bird Life and IOU News are quarterly publications of the Union.

OFFICERS OF THE IOWA ORNITHOLOGISTS' UNION (Dates indicate end of current term):

President: Paul O. Roisen (2015), 4420 3rd Ave, Sioux City, IA 51106 (roisenp1950@yahoo.com)

Vice President: Dennis Thompson (2015), 7503 Wildflower Ct. Johnston, IA 50131(cndthomps@acm.org)

Secretary: Stuart Sparkman (2014), 3925 Hillcrest, Des Moines, IA 50310 (kingbird@mchsi.com)

Treasurer: Mary Beth Hunt (2014), 1201 High Avenue West, Oskaloosa, IA 52577 (birders@mahaska.org and iou@mahaska.org)

DIRECTORS: Keith Dyché (2015), Jay Gilliam (2014), Tyler Harms (2014), Karen Viste-Sparkman (2014), Gerald White (2015)

JOURNAL STAFF:

Editor: Stephen J. Dinsmore, Dept of Natural Resource Ecology and Management, 339 Science II, Iowa State University, Ames, IA 50011 (cootjr@iastate.edu)

Book Review Editor: James J. Dinsmore, 646 Mallory Hill Drive, The Villages, FL 32162 (oldcoot@iastate.edu)

Christmas Bird Count Editor: Christopher J. Caster, 1813 Liberty Lane, Coralville, IA 52241 (cjecaster@q.com)

Field Reports Editors (Enter seasonal data at <www.iowabirds.org>):

Winter (Dec, Jan, Feb; deadline 3 March): Francis L. Moore, 336 Fairfield Street, Waterloo, IA 50703 (flmoore@forbin.net)

Spring (Mar, Apr, May; deadline 3 June): Tyler M. Harms 1517 Stafford Ave, Ames, IA 50010 (tyharms@gmail.com)

Summer (Jun, Jul; deadline 3 August): James J. Dinsmore, 646 Mallory Hill Drive, The Villages, FL 32162 (oldcoot@iastate.edu)

Fall (Aug, Sept, Oct, Nov; deadline 3 December): Paul Hertzell, 1432 East State Street, Mason City, IA 50401 (phertzell@rconnect.com)

History Editor: Thomas H. Kent, 624 Larch Lane, Iowa City, IA 52245 (thkent@gmail.com)

STANDING COMMITTEES AND CHAIRPERSONS:

Library/Historical: Hank Zaletel (2011), 1928 6th Street, Nevada, IA 50201 (madowl@midiowa.net)

Membership: Douglas Harr (2014), PO Box 117, Ogden, IA 50212 (dharr@netins.net); Karen Disbrow (2014); Rick Hollis (2017); Paul Skrade (2017)

Projects: Bruce Ehresman (2014); Bery Engebretsen (2015); Candace Havelly (2016); Tyler Harms (2017)

Publications: Ann M. Johnson, 5362 120th Avenue, Norwalk, IA 50211 (aj@hologrambirds.com); James J. Dinsmore (2013); Stephen J. Dinsmore; John Bissell; William Scheible (2014)

Records: Ann M. Johnson (secretary, appointed by committee), 5362 120th Avenue, Norwalk, IA 50211 (aj@hologrambirds.com); Aaron Brees (2015); Chris Edwards (2014); Jay Gilliam (2017); Paul Hertzell (2012); Matthew C. Kenne (2016); W. Ross Silcock (2013)

Field Reports—Winter 2012–2013

Francis L Moore



Francis L. Moore

WEATHER

This winter season had near normal temperatures along with near normal precipitation across the state. There were several snow events during the period with a blizzard taking place on the afternoon of December 19th to the afternoon of the 20th. There were two to three rain storms each month for the three month period with a few reports of large hail on the evening of January 28th from Benton and Delaware counties.

The month of December began with exceptionally mild weather as temperatures averaged above normal for 19 of the first 20 days. Keokuk was the hot spot with 73 degrees on the 3rd. Colder weather prevailed late in the month with ten of the final eleven days averaging colder than normal. Spencer reported the lowest temperature with a reading of -9 degrees

at midnight on the 31st. A pair of storms brought most of the month's precipitation and brought an end to a very dry period prior to December. The first event brought about rain statewide from late on the 14th to early on the 16th with an average of 0.57 inches falling. The second storm, which occurred the afternoon of the 19th to the afternoon of the 20th, brought a blizzard to much of the state but was preceded by unseasonably heavy rainfall near the Illinois border. The greatest snow fell from west central into northeast Iowa with 14.4 inches at Dubuque, 13.8 inches at Johnston and 13.0 inches at Marshalltown and Conrad. Wind gusts over 50 mph were common on the 20th. A large percentage of the rain was able to soak into the ground and provide a much needed boost to soil moisture.

The New Year got off to a very dry start with a near-record low pace of precipitation into the 27th. There was one statewide rain event on the 10th-11th. However a far more active weather pattern prevailed the last few days of January with two larger statewide rain events on the 27th and 28th-29th. Widespread freezing rain occurred on the 27th with ice glazing of one-quarter inch or more common over the northeast one-third of the state. Thunderstorms rumbled over most of the southeast two-thirds of the state the night of the 28th with rain amounts of over an inch common over eastern Iowa. A statewide average of only 0.7 inches of snow fell across the state through the first four weeks of January. However, heavy snow fell from south central through northeast Iowa on the night of the 29th into the 30th. Storm totals of seven to eight inches were common from Indianola to Guttenberg.

Monthly precipitation totals were above normal across eastern Iowa and well below normal over the northwest. Totals varied from 0.14 inches at Castana to 2.75 inches at LeClaire.

The statewide average precipitation was slightly above normal for the third consecutive month thanks to four widespread precipitation events in February. Light to moderate rain fell over the southeast one-half of Iowa on the 6th-7th and statewide on the 9th-11th. The largest of the month's storm systems came on the 21st-22nd with snow falling statewide. Greatest snow amounts of seven to ten inches fell mostly across northern and western Iowa while extreme eastern areas saw only two to four inches of accumulation. Finally, snow fell across the southeast two-thirds of the state on the 26th-27th with widespread 8-12 inch amounts across central Iowa from Winterset to Waterloo. Traer in Tama County reported the most snow during this last event with 16 inches. Monthly precipitation totals were well above normal over parts of eastern Iowa and below normal over much of west central and southwest. Preliminary totals varied from only 0.27 inches at Hastings in Mills County to 3.49 inches at Burlington. The statewide average snowfall was 10.5 inches and ranked as the 23rd snowiest February among 126 years of records.

The three mid-winter months averaged 24.3 degrees or 2.2 degrees above normal while precipitation totaled 3.84 inches or 0.50 inches above normal. This ranks as the 41st warmest and 42nd wettest winter among 140 years of records. This was the seventh consecutive wetter than normal winter for the state.

GENERAL TRENDS

There was a good mixture of dry periods and rain/snow periods so that a good variety of birds were to be found throughout the state. Good numbers of waterfowl were found throughout the winter period with temperatures high enough so that they were found pretty much statewide. Cold temperatures with sub zero readings were recorded for short periods but not long enough to freeze most water enough to make them go south for most of the winter. Diving duck numbers were high enough to make keep things interesting. Almost all species that linger north most winters were found during all three months. Northbound migration seemed to start around February 10th with a larger push around February 25th.

American White Pelicans were again in high numbers at the Army Corps of Engineers dams at Rathbun on the Chariton River, Red Rock and Saylorville both on the Des Moines Rivers and at Keokuk on the Mississippi River. Turkey Vultures continue to arrive in mid February as they have for the past few years. Bald Eagles were found in lower numbers than last year but numbers were still pretty good. *Accipiters* were fairly easy to find in the vicinity of feeders with above average numbers of Sharp-shinned Hawks found and the usual number of Cooper's Hawks again this winter. Rough-legged Hawks were in the state in good numbers and there were greater than normal numbers of Northern Shrikes found throughout the state.

Gulls were again found in the usual locations in good numbers with some birders finding some of the rarer species again this winter season. Snowy Owls were found in more normal numbers this time around, good numbers of Northern Saw-whet Owls were found as well. This was another weak year for gallinaceous species but for some species numbers seem to be starting a rebound. Ring-necked Pheasants and Wild Turkeys were easier to

find this season but there were low numbers of Gray Partridge and no reports for Northern Bobwhite.

Fair numbers of Lapland Longspurs and Snow Buntings were found with a Smith's Longspur thrown in for variety. Numbers of wintering sparrows were down from last winter. Winter finches were in decent numbers this winter with both crossbill species and redpolls being found in higher than usual numbers.

UNUSUAL SPECIES

The records committee was again kept busy with quite a few winter records submitted. They accepted ten documentations this winter with casual and accidental species reviewed, those being Iceland Gull, Great Black-backed Gull, Gyrfalcon and Hoary Redpoll.

COMMENT

I really appreciate everyone going out and sending records from the field this season and submitting reports and providing material for this report. It was good to see good detail on some of the rarer species come with the documentations that were submitted. Please continue to provide these details for both rare and for common species on unusual dates. Without this information some species cannot be included in the report and an important species might be left out of the records that should be included, only the person actually seeing the bird can provide such details. Details can be a short brief physical description of the bird that would allow for separation from any similar species. For many species, this can be one short sentence. It doesn't take much to point out the relevant features to give some confidence that the bird was seen well and properly identified. Please take the time to make yourself aware of when some of our species are out of season and take short notes to make sure of the record. Please keep entering your records on the IOU website so that they can continue to be added to the archives and be a part of our long term records accumulation of this data.

SPECIES DATA

ALL CAPS = Casual or Accidental. * = documented, ph = photo. County names are in italics. Full names of contributors are at the end of the article. Abbreviations used: **ad** = adult, **CBC** = Christmas bird count, **imm** = immature, **juv** = juvenile, **L** = lake, **L&D** = lock and dam, **m.ob.** = many observers, **NWR** = national wildlife refuge, **P** = park, **RA** = recreation area, **Res** = reservoir, **R** = river, **SP** = state park, **SRA** = state recreation area, **WA** = wildlife area.

Greater White-fronted Goose: Largest numbers overwintering was 60 on 6 Feb at Trumpeter Marsh *Lee* (JWR) and 22 on 7 Feb at Big Creek SP *Polk* (SJD). The first

large numbers of migrants were 4,000 on 9 Feb at Riverton WMA-North Unit *Fremont* (KDY), 20,000 on 9 Feb at Rapp P *Page* (KDY) and 700 on 15 Feb at Runnells WA *Marion* (JG).

Snow Goose: Small numbers were found in all three months with a high number of 350 on 17 Dec at Pool 19 *Lee* (SJD) and 35,000 on 20-28 Feb at Rapp P *Page* (KDY) indicating a strong start of the migration.

Ross's Goose: A total of 17 were found on 11 different days throughout the period with the largest number being 6 on 10 Feb at Big Creek SP *Polk* (AB).

Cackling Goose: This year there were

again high numbers of this species seen throughout the period with 11 reports above 50 individuals. High: 665 on 5 Dec in *Polk* (SJD), 340 on 30 Dec at the MidAmerican Energy Ponds *Pottawattamie* (SJD), 311 on 19 Jan at Green Valley L Union (SJD) and 307 on 17 Feb at Big Creek SP *Polk* (SJD).

Canada Goose: Flocks of 1,000 to 12,000 were fairly common throughout the period at various locations around the state. The largest mid-winter concentrations were 8,050 on 24 Dec at Red Rock Res *Marion* (SJD), 12,000 on 19 Jan at Green Valley L Union (SJD) and 12,010 on 16 Feb at Snyder's Bend *Woodbury* (GLV).

Mute Swan: 1 on 29 Dec at Hawkeye WMA *Johnson* (JLF) and 1 on 31 Dec at LeClaire *Scott* (WMZ) were the only reports.

Trumpeter Swan: Reported from 23 counties this year. Numbers at Beemer's Pond *Hamilton* through the winter: 124 on 28 Dec (TMH) and 96 on 12 Feb (SJD). High counts at other locations were 51 on 1 Dec to 28 Feb at Fertile *Worth* (CJF), 96 on 8-14 Dec at Winnebago R *Cerro Gordo* (BGM, PH), 70 on 31 Dec at LeClaire *Scott* (WMZ), 48 on 21 Jan at Malfitt Res *Dallas* (AB) and 65 on 27 Jan at Atlantic *Cass* (KDY).

Tundra Swan: All: 1 ad on 15 Dec at Swan L *Johnson* (JF), 1 ad 23 Dec-28 Jan at Ada Hayden P *Story* (SJD, WO), 2 on 29 Dec at Lake Icaria SP *Adams* (CJL), 4 on 2 Jan at Mississippi R *Scott* (JF) and 1 ad and 1 juv on 23-27 Feb at Ada Hayden P *Story* (WO).

Wood Duck: Late migrants were 1 on



Tundra Swan, Ada Hayden P, Story, 18 January 2013. Photograph by Stephen J. Dinsmore, Ames, IA.

30 Dec at Lake Icaria SP *Adams* (SJD) and 1 that overwintered from 2-27 Jan in *Boone* (SJD). Spring migration began with 1 male on 16 Feb at Ada Hayden P *Story* (WO) and 4 on 28 Feb near Fairfield *Jefferson* (DCP).

Gadwall: There were numerous reports throughout the period with a high of 343 on 18 Dec at Trumpeter M *Lee* (SJD). Spring migration seemed to start with 5 on 18 Feb at Ada Hayden P *Story* (WO) and 25 on 23 Feb in *Allamakee* (DK).

American Wigeon: Small numbers were found in all three months in the lower third of the state with the highest being 26 on 18 Dec at Trumpeter Marsh *Lee* (SJD), 3 on 19 Jan at Twelve Mile L Union (SJD) and 2 on 23 Feb at Big Creek SP *Polk* (SJD).

American Black Duck: All but two records were from east and central Iowa again this season. High numbers were: 8 on 16 Dec on Saylorville Res *Polk* (SJD), 5 on 12 Jan at Red Rock Res *Marion* (SJD) and 2 on 24 Feb at Brushy Creek SRA *Webster* (SJD).

Mallard: The highest number reported was 35,000 in *Fremont* on 1 Dec-10 Jan (KDY) and 50,000 on 14 Dec at Rathbun



Surf Scoter, e of Saylorville Res, Polk, 8 December 2012.
Photograph by John Bissell, Grimes, IA.

Res Appanoose (RLC). Other high numbers were 9,260 on 14 Dec at Green Island WMA Jackson (KJM), 5,075 on 8 Dec at Clear Lake Cerro Gordo (SJD), and 9,350 on 11 Dec at Saylorville Res Polk (SJD, AB).

Blue-winged Teal: All: 2 on 14 Dec at North Liberty Johnson (SS).

Northern Shoveler: Highest numbers were 657 on 18 Dec at Pool 19 Lee (SJD) and 32 on 4 Jan at Ottumwa Wapello (SJD) with migrants showing up with 3 on 18 Feb at Big Creek SP Polk (DTh).

Northern Pintail: 470 on 19 Dec at Mississippi R Clinton (KJM) was a high number of late migrants. Highest number returning was 71 on 23 Feb at Big Creek SP Polk (SJD), next highest was 10 on 10 Feb at Big Creek SP Polk (AB).

Green-winged Teal: High was 70 on 19 Dec at Mississippi R Clinton (DJA). 1-5 individuals were found in 9 counties during Dec, Jan, and Feb with 2 on 18 Feb at Ada Hayden P Story (SJD, WO) being the highest returning migrants.

Canvasback: 4,500 on 19 Dec at Mississippi R Clinton (DJA) and 105 on 26 Dec

at Mississippi R Muscatine (KJM) were late. Highest number was 9,050 on 4 Jan on Pool 19 Lee (SJD) again this season.

Redhead: 12 on 17 Dec at L Panorama Guthrie (RLC) was the highest fall count. 11 were present on 4 Jan at Pool 19 Lee (SJD). Spring migrants began showing up with 9 on 9 Feb at Pony Creek P Mills (KDY) with a high of 10 on 25 Feb at Grinnell City P Poweshiek (MP).

Ring-necked Duck:

High: 1,600 on 18 Dec at Trumpeter Marsh Lee (SJD) and 550 on 19 Dec at Mississippi R Clinton (DJA). Most other records were of 1 to 15 birds with 97 on 4 Jan at Pool 19 Lee (SJD), 28 on 19 Jan at Twelve Mile L Union (SJD) and 28 on 19 Jan at Sun Valley L Ringgold (SJD), with a high spring of 9 on 18 Feb at Ada Hayden P Story (SJD).

Greater Scaup: From 1–12 were reported from Cass, Marion, Polk, Marion, Story and Union (AB, SJD, POR). The greatest number was 174 on 4 Jan at Pool 19 Lee (SJD).

Lesser Scaup: High count: 1,500 on 14 Dec at Mississippi R Jackson (KJM) and 2,300 on 19 Dec at Mississippi R Clinton (DJA). Away from the Mississippi R, high count was 219 on 1 Dec at Slater Story (SJD) and 156 on 19 Jan at Twelve Mile L Union (SJD).

Surf Scoter: All: 1 imm on 1-8 Dec east of Saylorville Res Polk (SJD, JB) and 1 ad male on 7 Dec at Saylorville Res Polk (SJD).

White-winged Scoter: None reported.

Black Scoter: None reported.

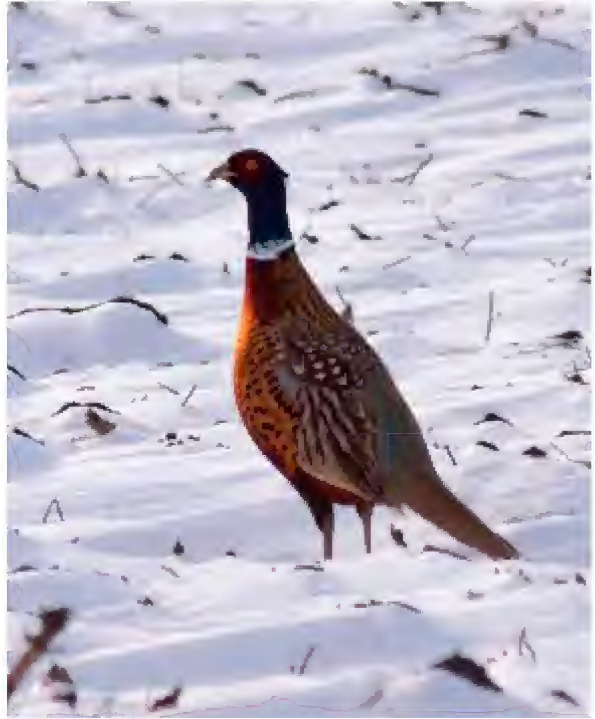
Long-tailed Duck: All: 1 on 1-11 Dec at L&D 13 *Clinton* (JF), 1 juv female on 8 Dec at Clear L *Cerro Gordo* (SJD), 1 on 22 Dec-23 Jan at Mississippi R, Bettendorf *Scott* (JF), 1 ad male on 24 Dec on Red Rock Res *Marion* (SJD), 1 juv male and 2 juv females on 4 Jan at Hall Towing, Ft. Madison *Lee* (SJD), 1 on 7 Jan at Pool 19 *Lee* (JWR, JLF), 1 juv on 2 Feb at Mississippi R (W Canal Shore Dr) *Scott* (JF), 1 ad male on 9 Feb Red Rock Res *Marion* (SJD) and 2 on 13 Feb at LeClaire *Scott* (JF).

Bufflehead: 1-2 on 3-10 Dec at Ada Hayden P *Story* (WO, SJD), 5 on 15 Dec at Rathbun Res *Appanoose* (RLC), a high for the period was 13 on 8 Dec at Clear L *Cerro Gordo* (SJD), 2 on 4 Jan at Pool 19 *Lee* (SJD) and 1 on 26 Jan at Lake Panorama *Guthrie* (SJD).

Common Goldeneye: High counts from Dec were 1,065 on 19 Dec at Mississippi R *Clinton* (DJA) and 924 on 24 Dec at Red Rock Res *Marion* (SJD); high counts for Jan were 2,987 on 4 Jan at Pool 19 *Lee* (SJD) and 1,400 on 5 Jan at Mississippi R *Scott* (KJM). Returning migrants arrived with 537 on 9 Feb at Red Rock Res *Marion* (SJD) and 384 on 16 Feb again at Red Rock Res *Marion* (AB).

Hooded Merganser: High: 51 on 3 Dec at Saylorville Res *Polk* (SJD) and 40 on 14 Dec at Rathbun Res *Appanoose* (RLC). Midwinter birds: 5 on 15 Jan below Saylorville Res Dam *Polk* (DK). Highest north-bound were 4 on 17 Feb at Saylorville Res *Polk* (SJD).

Common Merganser: High counts:



Ring-necked Pheasant, Johnson, 27 December 2012. Photograph by Jim Scheib, Iowa City, IA.

9,000 on 23 Dec at Red Rock Res *Marion* (AB), 17,000 on 24 Dec again at Red Rock Res *Marion* (SJD). Overwintering birds included over 200 on 3 Feb at Red Rock Res *Marion* (SJD). Migrants started with a high count of 2,675 on 9 Feb at Red Rock Res *Marion* (SJD).

Red-breasted Merganser: High: 7 on 1-21 Dec at Saylorville Res *Polk* (SJD), 4 on 8 Dec at Clear L *Cerro Gordo* (SJD), 4 on 18 Dec at L Panorama *Guthrie* (RLC) and 6 on 24 Dec at Red Rock Res *Marion* (SJD).

Ruddy Duck: High: 400 on 17 Dec at Mississippi R *Lee* (KJM) and 2,700 on 18 Dec at Pool 19 *Lee* (SJD). Midwinter high counts included 137 on 4 Jan at Pool 19 *Lee* (SJD).

Northern Bobwhite: None reported.

Gray Partridge: All: 7 on 18 Dec at Meetz Wetland *Story* (HZ) and 6 on 25 Dec at Breda *Carroll* (MT).

Ring-necked Pheasant: With a warm dry year in 2012 it looks as though the pheasant population has started a recovery. Reported from 9 counties with the following high counts: 1-12 on 2 Dec-16 Jan at Ada Hayden P *Story* (WO), 15 on 27 Dec at Nicholson Ford Marsh *Marshall* (MP), 19 on 29 Dec at Sparks Cemetery area *Boone* (LGD), 60 on 18 Jan at Owego Wetland Complex *Woodbury* (GLV, POR) and 118 on 24 Feb at Anderson L *Hamilton* (SJD).

Ruffed Grouse: None reported.

Wild Turkey: High: 80 on 23 Dec in *Buchanan* (KJM), 60 on 25 Dec in *Worth* (JB), 60 on 7 Jan in *Woodbury* (JLV) and 75 on 16 Jan at Mason City *Cerro Gordo* (PH).

Common Loon: 1-2 were seen on the first 16 days of Dec at three locations including Red Rock Res *Marion* (MP), Saylorville Res *Polk* (SJD, AB, RLC) and Pleasant Creek RA *Linn* (JF).

Pied-billed Grebe: 13 reports this reporting period, most from Dec with 7 on 14 Dec at Rathbun Res *Appanoose* (RLC), 3 on 16 Dec at Mississippi R *Scott* (KJM), 2 on 19 Dec at Mississippi R *Clinton* (DJA), 2 on 29 Dec at L *Icaria* SP *Adams* (CJL) and the first spring report of 1 on 18 Feb at Ada Hayden P *Story* (WO).

Horned Grebe: All: 1 on 16-21 Dec at Saylorville Res *Polk* (SJD) and 1 on 17 Dec at Pool 19 *Lee* (SJD).

Eared Grebe: 5 on 14 Dec at Rathbun Res *Appanoose* (RLC).

Western Grebe: 1 on 15-24 Dec at Red Rock Res *Marion* (SJD).

Double-crested Cormorant: 11 reports including 6 on 14 Dec at Rathbun Res *Appanoose* (RLC), 14 on 16 Dec at Mississippi R *Scott* (WMZ) and 2 on 7 Jan at L&D 19 *Lee* (JLF).

American White Pelican: High: 85 on 16 Dec at Mississippi R *Scott* (KJM), 70 on 23 Dec at Rathbun Res *Appanoose* (RLC), 317 on 23 Dec at Red Rock Res *Marion* (AB) and up to 200 on 7 Jan at L&D 19 *Lee* (JLF). Wintering birds included from 7 to 14 below the dam at Red Rock Res *Marion* from 21 Jan-12 Feb (BR, DTh, SJD) and 2 on 1 Dec-28 Feb Jan below the dam at Saylorville Res *Polk* (AB, DTh, JG, SJD).

Great Blue Heron: High count: 13 on 16 Dec at Quad Cities *Scott* (KJM), 10 on 22 Dec at Johnston Gravel Pits *Polk* (SJD) and 18 on 31 Dec in *Louisa* (KJM). Up to 9 individuals wintered throughout Jan in *Lee*, *Marion*, *Polk* and *Taylor* (AB, CJL, SJD, DK, BR).

Great Egret: 1 on 3 Dec at Mississippi R south of Ft. Madison *Lee* (JLF, JWR).

Black-crowned Night-Heron: None reported.

Turkey Vulture: All: 7 on 3 Dec at Keokuk *Lee* (JWR, JLF), 1 on 2 Jan in *Clayton* (KJM), 1 on 10 Feb in *Johnson* (CRE) and 1 on 11 Feb on Pleasant Plain Road *Jefferson* (*TC).

Bald Eagle: High counts for both the interior and the Mississippi River were a little lower than last year with 304 on 26 Jan on the Mississippi R *Muscatine* & *Scott* (KLM), 262 on 12 Jan at Red Rock Res *Marion* (SJD) and 308 on 14 Feb at Saylorville Res *Polk* (SJD).

Northern Harrier: Highest: 7 on 7 Dec in *Woodbury* (POR), 7 on 8-16 Dec at Pinchey Bottoms *Marion* (JS), 7 on 14 Dec at Green Island WMA *Jackson* (KJM), 7 on 16 Dec at Hawkeye WMA *Johnson* (MHB), 5 on 6 Jan in *Mills* (KDY), 9 on 9 Feb at Red Rock Res *Marion* (SJD), 5 on 15 Feb at Pinchey Bottoms *Marion* (JG) and 6 on 26 Feb in *Woodbury* (GLV). A total of 78 were found throughout the period in all areas of the state.

Sharp-shinned Hawk:

A total of 15 were reported, all from the middle part of the state except 1 each from *Fremont* and *Lee*.

Cooper's Hawk: A total of 35 were reported for the period, mostly from the eastern and central part of the state. Most were singles except 2 on 14 Dec in *Jackson* (KJM), 2 on 17 Dec in *Lee* (KJM), 2 on 19 Dec in *Clinton* (KJM) and 3 on 26 Dec in *Muscatine* (KJM). There were 35 records from *Ada Hayden P Story* (WO) that included ad and imm individuals. This continues to be a species that consistently uses bird feeding stations throughout the state. They remain underreported, especially in larger cities where bird feeders are more prevalent.

Northern Goshawk: All: 1 on 27 Dec near *Blockton Taylor* (KDy), 1 on 31 Dec at *Guttenberg Clayton* (POR) and 1 on 28 Jan in *Boone* (SJD).

Red-shouldered Hawk: Almost all reports were from known or potential breeding locations. Reports away from eastern Iowa were 1 on 27 Dec in *Taylor* (CJL).

Red-tailed Hawk: Only 1 mention of a subspecies was of a *Krider's* morph on 23 Dec at *Hooper WA Warren* (JS). Highest reports were 35 on 14 Dec in *Jackson* (KJM) and 31 on 19 Dec in *Clinton* and *Jackson* (KJM).

Rough-legged Hawk: 37 reports totaling more than 144 individuals during the season. High counts: 16 on 8 Jan at *Port Louisa NWR Louisa* (SJD) and 29 on 12 Jan at *Red Rock Res Marion* (SJD). There was only one report of a dark morph on 7 Jan east of *Ames* in rural *Story* (WO).



*Red-shouldered Hawk, Iowa City, Johnson, 7 December 2012.
Photograph by Jim Scheib, Iowa City, IA.*

Golden Eagle: All: 1 ad on 19 Jan in *Allamakee* (MP), 1 ad on 2 Jan in *Clayton* (KJM) and 2 ad and 3 imm on 3 Jan in *Clayton* (KJM).

American Coot: Largest numbers were 3,533 on 18 Dec at *Pool 19 Lee* (SJD) and 1,420 on 19 Dec at *Mississippi R Clinton* (DJA). Returning migrants were 16 on 17 Feb at *Saylorville Res Polk* (AB) and 1 on 18 Feb at *Ada Hayden P Story* (SJD, WO).

Sandhill Crane: All: 2 on 2 Dec at *Chichaqua Greenbelt Polk* (AB), 15 on 14 Dec at *Green Island WMA Jackson* (KJM) and 1 on 17 Dec at *Des Moines R Lee* (KJM).

Killdeer: High: 19 on 1-19 Dec at *Saylorville Res Polk* (SJD, WO); returning migrants began on 18 Feb with 1 in *Warren* (JS).

Dunlin: Late reports included 1-4 on 1-9 Dec at *Saylorville Res Polk* (SJD, AB).

Long-billed Dowitcher: One on 3 Dec at *Trumpeter Marsh Lee* (JLF, JWR).

Wilson's Snipe: All: 1 on 3-11 Dec at *Montrose Marsh Lee* (JLF), 1 on 16 Dec at *Saylorville Res Polk* (CJL), 1 on 23 Dec in *Boone* (SJD), 1 on 1 Jan in *Warren* (JS), 9 on



*Eastern Screech-Owl, Boone, 1 January 2013.
Photograph by Larry Dau, Boone, IA.*

4 Jan at Montrose Marsh *Lee* (SJD) and 4 on 23 Jan near Lansing *Allamakee* (DK).

Bonaparte's Gull: All: 2 on 3 Dec near Montezuma *Poweshiek* (MP), 12 on 11 Dec at Heron Bend *Lee* (JLF), 6 on 14 Dec at Rathbun Res *Appanoose* (RLC) and 3 on 18 Dec at Rathbun Res *Appanoose* (SJD).

Franklin's Gull: All: 1 on 13 Jan at Mississippi R, Davenport *Scott* (DP), 1 on 16 Jan at Mississippi R, Wapello Ave *Scott* (JLF), 2 on 23-26 Jan at Mississippi R, Wapello Ave *Scott* (JF) and 1 on 2 Feb at Mississippi R, Wapello Ave *Scott* (WMZ).

Ring-billed Gull: High counts: 2,075 on 7 Dec at Saylorville Res *Polk* (SJD), 3,200 on 11 Dec in *Polk* (SJD), 2,616 on 19 Dec at Mississippi R *Clinton* and *Jackson* (DJA), and 3,087 on 24 Dec at Red Rock Res *Marion* (SJD). Spring migrants were noted back with 436 on 9 Feb at Red Rock Res *Marion* (SJD) and 250 on 9 Feb at Waubonsie Access WMA *Fremont* (KDy).

Herring Gull: High counts: 1,067 on 24 Dec at Red Rock Res *Marion* (SJD),

1,400 on 29 Dec at Rathbun Res *Appanoose* (RLC) and 90 on 16 Feb at Red Rock Res *Marion* (AB).

Thayer's Gull: 1 ad on 11 Dec in *Polk* (SJD), 2 ad on 15-24 Dec at Red Rock Res *Marion* (SJD), 2 ad on 16 Dec at Saylorville Res *Polk* (SJD), 1 ad and 1 juv on 24 Dec in *Polk* (SJD), 1 ad on 29 Dec at Rathbun Res *Appanoose* (RLC), 1 1st basic on 16 Jan at L&D 14 *Scott* (JLF), 1 on 5 Feb at L&D 13 *Clinton* (JF), 1 on 8 Feb at L&D 13 *Clinton* (JF), 1 on 9 Feb at L&D 15 *Scott* (JF) and 1 ad on 9 Feb at Red Rock Res *Marion* (SJD).

ICELAND GULL: 1 imm on 26 Jan at Davenport *Scott* (*TS, ph), 1 ad Kumlien's on 5-8 Feb at Mississippi R, Clinton *Clinton* (*JF) and 1-2 2nd winter on 9-24 Feb at L&D 14, L&D 15 *Scott* (*JF).

Lesser Black-backed Gull: All: 1 2nd basic on 24 Dec at Red Rock Res *Marion* (SJD), 1 ad on 24 Dec in *Polk* (SJD), 4 ad on 28 Jan-8 Feb at L&D 14 *Scott* (JF) and 1 on 5-8 Feb at L&D 13 *Clinton* (JF).

Glaucous Gull: All: 1 juv or 2nd cycle on 11 Dec at Saylorville Res *Polk* (AB), 1 juv on 13 Dec at Saylorville Res *Polk* (SJD), 1 ad and 1 juv on 16 Dec at Saylorville *Polk* (SJD), 1 juv 19 Dec at Saylorville Dam *Polk* (JG), 2 juv on 21 Dec at Saylorville Res *Polk* (SJD), 1 juv on 24 Dec in *Polk* (SJD), 2 juv on 24 Dec at Red Rock Res *Marion* (SJD), 1 on 31 Dec at L&D 14 *Scott* (WMZ), 1 on 6-8 Feb at L&D 14 *Scott* (JF), 1 on 8 Feb at L&D 15 *Scott* (JF) and 1 on 8 Feb at Mississippi R, Clinton *Clinton* (JF).

GREAT BLACK-BACKED GULL: 1 1st basic on 6 Jan at L&D 14 *Scott* (*TS, ph) and 1 1st basic on 26 Jan at Mississippi R, Davenport *Scott* (*JF).

Eurasian Collared-Dove: Highest numbers were 68 on 15 Dec at Red Rock Res *Marion* (AB), 51 on 29 Dec at Luther *Boone* (WO) and 83 on 10 Feb at Brenton Feedlot *Dallas* (AB).

White-winged Dove: None reported.

Mourning Dove: 8 reports. High count: 140 on 1 Dec in Clinton *Clinton* (POR).

Barn Owl: 1 on 5-6 Jan at Willow Slough Mills (K Dy, POR).

Eastern Screech-Owl: 15 reports for this common nocturnal species. High: 20 on 14 Dec in *Jackson* (KJM).

Great Horned Owl: There were 18 reports of this species during the reporting period with a total of 64 individuals of this common species. High was 14 on 14 Dec in *Jackson* (KJM).

Snowy Owl: After last year's winter invasion this year was noted for its more normal visitation of this species from the arctic. There were 3 reports for the species this period: 1 on 2-16 Dec near the Clinton Municipal Airport *Clinton* (JM, JF), 1 on 4 Jan in *Fremont* (K Dy) and 1 on 14-20 Feb in *Dickinson* (ET).

Barred Owl: There were 14 reports of this common species during the period.

Long-eared Owl: A total of 13 reports were submitted with 33 individuals reported the highest being 8 on 17 Jan in *Poweshiek* (DK). Other reports of note were 3 on 18 Dec at Bays Branch WMA *Guthrie* (RLC), 3 on 26 Dec at Twelve Mile L *Union* (SJD), 3 on 26 Jan at Bays Branch WMA *Guthrie* (SJD) and 3 on 2 Feb at Haynie Slough WA *Mills* (K Dy).

Short-eared Owl: There were 26 reports throughout the period with the following high counts: 14 on 7 Dec at the Loess Hills front range *Woodbury* (POR), 7 on 16 Dec at Pinchey Bottoms *Marion* (JS), 7 on 23 Dec at the wetlands along the Wapsipinicon R west of McCausland *Scott* (WMZ), 3 on 26 Dec in *Clarke* (SJD), 12 on 5 Jan along Wapsipinicon R west of McCausland *Scott* (WMZ), 6 on 7 Jan at Dunbar Slough *Greene* (SJD) and 9 on 15 Feb at Pinchey Bottoms *Marion* (JG).

Northern Saw-whet Owl: Eleven reports and a total of 13 birds were found throughout the period with the highest number of 2 on 16 Dec at Saylorville WA *Dallas* (BR) and 2 on 23 Jan in *Page* (K Dy).

Belted Kingfisher: A total of 29 reports were submitted with 53 individuals with the highest being 5 on 19 Dec at Mississippi R *Clinton* (KJM). The northernmost were 3 on 9 Jan in Waterman Township *O'Brien* (LAS), 2 on 22 Jan in *Winneshiak* (DK), 2 on 23 Jan in *Allamakee* (DK) and 1 on 9 Feb at Missouri R *Woodbury* (GLV).

Red-headed Woodpecker: There were 22 reports this winter. High: 101 on 18 Dec *Clinton* (KJM), 10 on 14 Dec at Coralville L Dam *Johnson* (SS) and 8 on 16 Dec at Quad Cities *Scott* (KJM), with most being one to three individuals.

Red-bellied Woodpecker: 20 reports with a high of 53 on 14 Dec in *Jackson* (KM).

Yellow-bellied Sapsucker: There were 14 reports of this species this winter with all but two of the reports coming from the middle third of the state. All were of one or two individuals.

Downy Woodpecker: 19 reports from around the state.

Hairy Woodpecker: 17 reports from around the state.

Northern Flicker: 25 reports were submitted with a high of 29 on 16 Dec at Saylorville WA *Dallas* (BR).

Pileated Woodpecker: A total of 27 reports of 52 individuals, most from the eastern half of the state, but 2 on 2 Feb at L Manawa *Pottawattamie* was notable (K Dy).

American Kestrel: 92 reported with 12 on 16 Dec in *Scott* (KJM), 11 on 18 Dec in *Clinton* (KJM), 11 on 6 Jan in *Fremont* (POR) and 16 on 9 Feb in *Warren* (JS) being the highest daily counts reported.

Merlin: A total of 28 were reported

from 14 counties with none reported from Glendale Cemetery *Polk* this winter. Of those reporting subspecies 9 were *columbarius* race and 9 were the *richardsonii* race.

GYRFALCON: 1 on 5 Dec at Saylorville Res *Polk* (*SJD, ph).

Peregrine Falcon: All: 2 on 3 Dec-7 Jan at Mississippi R, Burlington Des Moines (JLF), 1 on 3 Dec at Gray's L P *Polk* (JB), 2 on 16 Dec Clinton (KJM), 1 on 19 Dec Clinton (DJA), 1 on 26 Dec Muscatine (GW), 1 on 2 Feb at Cedar Rapids Linn (BSc) and 2 on 23 Feb at L&D 15 Scott (WWH).

Prairie Falcon: 1 on 10-19 Dec Sioux City Jersey Cattle Farm Woodbury (POR) and 1 on 19 Dec-24 Jan Fremont (KDy).

Loggerhead Shrike: All: 1-2 on 1-20 Dec Fremont (KDy), 1 on 26 Dec Muscatine (*DJA), 1 on 26 Dec Clarke (SJD), 1 on 26 Dec Union (SJD), 1 on 23 Feb at Buckshot Marsh Appanoose (RLC) and 1 on 26 Feb west of Shenandoah Page (KDy).

Northern Shrike: There were 45 reports of 49 individuals this winter scattered over most of the state. The southernmost were 1 on 1 Dec Page (KDy) and 1 on 5 Jan Mills (KDy).

Black-billed Magpie: 2 on 29 Dec at Broken Kettle Grasslands Plymouth (GLV).

Horned Lark: High: 679 on 23 Feb Madison (JG).

Tufted Titmouse: There were 21 reports with a high of 70 on 17 Dec Lee (KJM).

Red-breasted Nuthatch: There were 22 reports of this species from all areas of the state. High: 8 on 8 Dec at Hampton Cemetery Franklin (SJD) and 6 on 13 Jan at Hooper WA Warren (JS).

Brown Creeper: There were 32 reports with 118 individuals included. The highest numbers were 25 on 14 Dec Jackson (KJM) and 21 on 2 Jan Clayton (KJM). The north and west most record was 2 on 6 Jan in Humboldt Humboldt (AB1).

Carolina Wren: Good numbers were reported this season with a total of 37 reports of 100 individuals with 2 on 22 Feb at Sioux City Woodbury (GLV) north and west of the expected range. Most reports were of 1 or 2 individuals, most from the southern and eastern part of the state; the high was 24 on 17 Dec in Lee (KJM).

Winter Wren: Non-CBC reports: 1 on 3 Dec-3 Jan at Cascade Ravine Des Moines (JLF, JWR), 1 on 18 Dec at Springbrook SP Guthrie (RLC), 1 on 22 Dec at Sioux City Woodbury (GLV) and 1 on 9 Feb at Waubonsie SP Fremont (KDy).

Golden-crowned Kinglet: All: 2 on 12 Dec at Pierce Creek Page (KDy), 3 on 14 Dec at Rathbun Res Appanoose (RLC) and 3 on 18 Jan at Pierce Creek Page (KDy).

Ruby-crowned Kinglet: Only report: 1 on 15 Dec at Cascade Ravine Des Moines (JLF).

Eastern Bluebird: Moderate numbers were reported across the state. High: 10 on 2 Dec at Indian Creek Nature Center Linn (WWH), 12 on 13 Jan at Sedan Bottoms Appanoose (RLC), 18 on 23 Jan Allamakee (DK) and 20 on 2 Feb at L Ahquabi SP Warren (JS).

Townsend's Solitaire: All: 1 on 14 Dec Jackson (KJM, *DJA), 1 on 12 Jan at Waterman Ave O'Brien (ET) and 1 on 19 Jan-3 Feb at Waterman Township O'Brien (LAS).

Hermit Thrush: All: 1 on 7 Dec at Polk City WA Polk (SJD), 1 on 11 Dec-3 Jan at Mill Dam Road Des Moines (JLF, JWR) and 1-2 on 30 Dec-25 Feb at L Ahquabi SP (JS).

American Robin: Numbers were back up this winter with a high of 1,997 on 26 Dec Union (SJD) and 300 on 5 Jan Mills (KDy). 15 other reports were entered for the period.

Northern Mockingbird: 1 on 11 Dec at Mill Dam Road Des Moines (JLF).

American Pipit: 1 on 9 Dec at Saylorville Res *Polk* (SJD).

Bohemian Waxwing: 1 on 3 Feb at Waterman Township *O'Brien* (LAS), 1 on 5 Feb at Lewis & Clark SP *Monona* (*GLV, ph) and 1 on 17 Dec at North River Road *Clay* (LAS).

Cedar Waxwing: Highest numbers were 300 on 22 Jan *Winneshiak* (DK) and 200 on 17 Feb at North River Road *Clay* (LAS).

Lapland Longspur: Peak counts were 1,800 on 23 Feb *Madison* (SJD), 300 on 30 Dec *Montgomery* (SJD) and 248 on 24 Feb *Wright* (SJD).

Smith's Longspur: 4 on 5 Dec at Union Hills WPA *Cerro Gordo* (RGo).

Snow Bunting: Largest flocks for the period were 1,077 on 24 Jan *Hamilton* (SJD) and 1,598 on 24 Feb *Wright* (SJD).

Orange-crowned Warbler: A rare winter report was 1 on 14 Jan at Burlington *Des Moines* (JWR, details).

Yellow-rumped Warbler: 21 records reported: Highest: 4 on 7 Jan Washington Road *Des Moines* (JWR, JLF), 2 on 3 Dec at Sacred Heart Cemetery *Des Moines* (JLF), 2 on 16 Dec at F W Kent County P *Johnson* (CRE), 2 on 4 Jan *Lee* (SJD) and 2 on 3 Feb at Red Rock Res *Marion* (SJD).

Spotted Towhee: All: 1 on 29 Dec at Saylorville WA *Boone* (WO), 1 on 3 Jan at rural residence NE of Ames *Story* (WO) and 1 on 1-20 Feb at Ogden *Boone* (LGD).

Eastern Towhee: No reports.

American Tree Sparrow: High: 309 on 29 Dec *Plymouth* (GLV) and 325 on 23 Feb near Centerville *Appanoose* (RLC).

Chipping Sparrow: 1 on 1 Dec Sandpiper RA *Polk* (RLC) and 1 on 3-27 Jan at Sparks Cemetery area *Boone* (*LGD, ph, SJD).

Field Sparrow: None reported.

Vesper Sparrow: None reported.



Cedar Waxwing, Iowa City, Johnson, 22 December 2012. Photograph by Jim Scheib, Iowa City, IA.

Savannah Sparrow: None reported.

Fox Sparrow: Eleven reports with a high of 4 on 9 Jan at Jester P *Polk* (DTh) and 2 on 5 Jan *Mills* (KDY).

Song Sparrow: From 1 to 3 individuals found throughout the period from *Appanoose*, *Dallas*, *Jefferson*, *Johnson*, *Linn*, *Polk*, *Story*, *Warren*, *Winneshiak* and *Woodbury*, with a high of 17 on 24 Feb at Hartford WA *Warren* (JS).

Lincoln's Sparrow: All: 1 on 23 Dec *Buchanan* (KJM).

Swamp Sparrow: High count: 5 on 29 Dec at Saylorville WA *Boone* (WO).

White-throated Sparrow: High count: 9 on 16 Dec at Jester P *Polk* (WO) and 8 on 16 Dec at Saylorville WA *Dallas* (BR). Only 4 additional records were reported in *Allamakee* and *Appanoose*.

Harris's Sparrow: There were 24 re-



*White-throated Sparrow, Iowa City, Johnson, 30 January 2013.
Photograph by Jim Scheib, Iowa City, IA.*

cords, mostly in the southern half of the state. High counts: 28 on 2 Feb Mills (KDy), 25 on 8 Feb Woodbury (GLV) and 21 on 16 Jan at Pierce Creek Page (KDy).

White-crowned Sparrow: Fifteen records in the southern or eastern portions of the state. High counts: 6 on 16 Dec at Hawkeye WMA Johnson (MHB) and 7 on 23 Feb near Centerville Appanoose (RLC).

Dark-eyed Junco: Oregon race records this period included 1 on 1 Dec-28 Feb at Ames Story (SJD), 1 on 5 Dec-26 Feb at Ames Story (WO, different bird), 1 on 29 Jan at Liscomb Marshall (MP) and 1 on 1 Feb at Waterworks P Polk (JB).

Red-winged Blackbird: Highest count was 2,052 on 14 Dec at Green Island WA Jackson (KJM).

Eastern Meadowlark: All: 1 heard singing on 19 Jan Ringgold (SJD).

Western Meadowlark: At least 2 were singing on 7 Jan at Owego Wetland Complex Woodbury (POR).

Meadowlark sp.

Highest numbers: 120 on 1 Jan Fremont (KDy), 84 on 7 Jan at Owego Wetland Complex Woodbury (POR) and 138 on 2 Feb Mills (KDy).

Yellow-headed

Blackbird: 1 on 15 Dec at Diamond L WA Dickinson (LAS).

Rusty Blackbird:

High count: 350 on 8-9 Dec at Pierce Creek Page (KDy) and 56 on 20 Jan Boone (SJD). From 1-35 were reported from seven other counties.

Brewer's Blackbird:

All: 1 ad female on 15 Dec on the southeast side

of Cedar Rapids along Cedar R Linn (KJM, JLM good details). Always remember that winter reports require details or photos.

Common Grackle: Only 1-3 were reported with a high of 3 on 8 Dec at Ames Story (WO).

Brown-headed Cowbird: High count: 300 on 4 Jan Lee (SJD).

Purple Finch: There were eighteen reports this winter. High counts: 61 on 22 Jan Winneshiek (DK) and 91 on 23 Jan Allamakee (DK).

House Finch: Only 6 reports. High: 32 on 1 Dec-28 Feb at Urbandale Polk (BE) and 23 on 16 Dec at Saylorville WA Dallas (BR).

Red Crossbill: All: 7-20 on 12 Dec-23 Feb at Fairmount Cemetery Scott (JF, WMZ, DTh, JWR, WWH), 1 on 9 Dec at Ames Story (SJD), 6-15 on 17 Dec-4 Jan Lee (SJD) and 21 on 17 Feb at Big Creek SP Polk (SJD).

White-winged Crossbill: An excep-



Common Redpoll, Ottosen, Humboldt, 16 January 2013. Photograph by Jacob A. Newton, Ottosen, IA.



Pine Siskin, Boone, 28 February 2013. Photograph by Larry Dau, Boone, IA.

tional winter for this species with 21 reports of up to 96 individuals. The first were 2 on 2 Dec at Eagle Grove Wright (SJD) with others statewide, mostly from the northern and western part of the state. The highest totals were 11 on 8 Dec at Garner Cemetery Hancock (SJD), 10 on 17 Dec Lee (SJD) and 16 on 27 Dec Story (SJD). It seems that this winter was a good year for crossbills in the state.

Common Redpoll: This was a good year for Common Redpolls in Iowa with 56 reports submitted totaling 1,168 individuals. They included high numbers of 82 on 7 Dec at Big Creek SP Polk (SJD), 82 on 15 Dec at Ames Story (SJD), 41 on 22 Dec at Johnston Gravel Pits Polk (SJD), 80 on 30 Dec at Red Rock Res Marion (AB), 70 on 30 Dec at Hawkeye WMA Johnson (JF), 56 on 21 Jan at Mason City Cerro Gordo (PH), 105 on 26 Jan at Red Rock Res Marion (AB) and 200 on 26 Feb at Owego Wetland Complex Woodbury (GLV).

HOARY REDPOLL: All: 1 on 4 Jan 8 miles north of Decorah Winneshiek (*BC, ph), 2 on 26 Jan at Red Rock Res Marion (*AB, ph) and 1 on 16 Feb at Curt Nelson farm, Mason City Cerro Gordo (*CJF, *PH, ph, *RGo).

Pine Siskin: There were twenty reports this winter. Highest counts: 94 on 1 Dec-28 Feb Ames Story (SJD), 100 on 1 Dec-17 Jan north of Iowa City Johnson (JLF), 96 on 5 Dec at Sioux City Woodbury (GLV), 80 on 16 Dec at F W Kent P Johnson (CRE), 110-160 on 23 Dec-20 Jan at Carolyn Fischer yard, Mason City Cerro Gordo (PH, CJF).

American Goldfinch: High count: 113 on 16 Dec at Quad Cities Scott (KJM).

Evening Grosbeak: All: 1 on 14 Dec at Fairmount Cemetery Scott (WMZ).

Eurasian Tree Sparrow: All: 35 on 31 Dec at Wapsipinicon R Access Scott (WMZ) and 25 on 2 Feb at Credit Island P Scott (WMZ).

CONTRIBUTORS

| | | | | | |
|---------------------|-----|--------------|----------------------|-----|---------------|
| Danny Akers | DJA | Ankeny | Jason McCurdy | JM | Coralville |
| John Bissell | JB | Grimes | Bruce McKee | BGM | Mason City |
| April Blair | ABl | Humboldt | Wolfgang Oesterreich | WO | Ames |
| Aaron Brees | AB | Des Moines | Diana Pesek | DP | Cedar Rapids |
| Mark Brown | MHB | Iowa City | Diane Porter | DCP | Fairfield |
| Brandon Caswell | BC | Cedar Rapids | Mark Proescholdt | MP | Liscomb |
| Raymond Cummins | RLC | Centerville | Billy Reiter-Marolf | BR | Granger |
| Therese Cummiskey | TC | Fairfield | Paul Roisen | POR | Sioux City |
| Larry Dau | LGD | Boone | John Rutenbeck | JWR | Burlington |
| Stephen J. Dinsmore | SJD | Ames | William Scheible | BSc | Cedar Rapids |
| Keith Dyche | KDy | Shenandoah | Lee Schoenewe | LAS | Spencer |
| Chris Edwards | CRE | Solon | Jim Sinclair | JS | Indianola |
| Bery Engebretsen | BE | Urbandale | Sharon Somers | SS | North Liberty |
| Carolyn Fischer | CJF | Mason City | Tommy Stone | TS | Waterloo |
| Jim Forde | JF | Cedar Rapids | Ed Thelen | ET | Spirit Lake |
| Jim Fuller | JLF | Iowa City | Marty Thelen | MT | Carroll |
| Jay Gilliam | JG | Norwalk | Dennis Thompson | DTh | Johnston |
| Rita Goranson | RGo | Mason City | Gerald Von Ehwegen | GLV | Sioux City |
| Tyler Harms | TMH | Ames | Walt Wagner-Hecht | WWH | Cedar Rapids |
| Paul Hertzell | PH | Mason City | Gerry White | GW | Muscatine |
| Darwin Koenig | DK | Ankeny | Hank Zaletel | HZ | Nevada |
| Corey Lange | CJL | Lenox | Walter Zuurdeeg | WMZ | Davenport |
| Kelly McKay | KJM | Hampton, IL | | | |

336 Fairfield St, Waterloo, IA 50703-1628 (flmoore@forbin.net)

Iowa Christmas Bird Count, 2012–2013

Chris Caster

A total of fifty-two counts were held this season. The Sac County and Cherokee CBCs returned, but missing from last year was the Marshalltown CBC, which was unfortunately run before the official count period had begun.

The first twenty days of December were exceptionally mild and as a result open water was prevalent through the count period. Rain fell statewide on the 15th. High temps for counts did not dip below freezing until the 21st. The first snow came as a blizzard on the 20th, and except for the southeast, the totals were significant. The deepest snows were in the northeast, although the Des Moines count also reported a foot.

The species count this season was 146, which eclipsed the previous record of 145 set last year. The total birds (925,930) were the highest since the 1988-89 count season. Exceptionally high species counts were common. Five counts achieved 90 species this season, a total only reached by two counts since 2006-07. Both Saylorville (98), followed the next day by Keokuk (97), broke the previous record species count of 96, set by Saylorville in 2006-07. Davenport (95), Green Island (90), and Clinton (90) complete the group. Other notable counts included Muscatine and Rathbun (84), Burlington (82), Red Rock and Iowa City (81). Spirit Lake (73) led the northern counts. The average count this year had 13 field observers, 6 field parties, and found 63 species.

REGULAR SPECIES

As indicated by the elevated species numbers, this was one of the most exciting counts we've had. Thirty-five species were found in record numbers this season. Waterfowl were abundant. Raptors, woodpeckers, wrens, thrushes, sparrows, blackbirds, and finches were all plentiful. Perhaps only the gulls and gallinaceous birds' numbers were diminished. Frequently reported species are recorded in Table 2. Species found on three or fewer counts are recorded in Table 3. Although falcons are discussed with the other raptors, the tabulation has been arranged to reflect recent changes in the American Ornithologists' Union checklist; so falcons now follow woodpeckers, and longspurs follow waxwings.

It was a good year for Greater White-fronted Geese (186) as they were on nineteen counts. Snow Geese (1,576) were present on twenty counts. Large numbers were at Shenandoah and Keokuk. Ross's Geese (15) were reported from four counts. Cackling Geese (4,176) were in record numbers for the third straight year. Canada Geese (207,864) were present in record numbers and twice the 10-year average. Trumpeter Swans (257) were more than twice their average as well, with 70 at Mason City. Tundra Swans (1,437) were again at record numbers with nearly all at Clinton. One at Des Moines was unusual. A lone Mute Swan was at Jamaica.

Dabbling ducks numbers were the highest in over a decade. Mallards (260,208) were not only in record numbers, but at nearly five times the 10-year average. Also extraordinary, Northern Pintails (926) broke a previous record total of 273. Pintails average just

38 birds. Black Ducks (59) were the only dabblers that didn't impress. Wood Duck (34), Gadwall (1,013), American Wigeon (176), Northern Shoveler (1,374), and Green-winged Teal (436) all had their best counts since '01-'02.

Canvasbacks (21,360) were unusually widespread on nineteen counts, but totaled average numbers. The pools at Clinton and Keokuk each had over nine thousand. Red-head (202) and Ring-necked Ducks (3,434) had their best counts in nearly a decade. Most notable of the divers were Lesser Scaup (21,465), which tripled their previous high, and Bufflehead (1,332), which doubled theirs. Greater Scaup (664) were scattered across ten counts with the majority at Keokuk. Common Goldeneyes (8,448) were above average. Hooded Mergansers (287) were at near record numbers and Red-breasted Mergansers (23) were nearly twice their average. Common Mergansers (1,867) were the exception, with their third worst showing in over twenty years. Ruddy Ducks (6,209) set a new high with over five thousand at Keokuk. One Surf Scoter was at Keokuk and two White-winged Scoters were at Davenport. Single Long-tailed Ducks were at Clinton, Davenport, and Keokuk.

Common Loons (3) were at Iowa City and Red Rock. Pied-billed Grebes (38) had their highest count since '98-'99. Double-crested Cormorants (69) and American White Pelicans (864) were found in record numbers. Great Blue Herons (182) were in good numbers, especially along the Mississippi. It was a tremendous year for American Coots (5,701). Their count numbers fluctuate wildly, but they average only about 250 birds. Large numbers were at Clinton and Keokuk. Sandhill Cranes (101) seem destined to become a regular count species. They were found on four counts with seventy-nine at Clinton. Killdeer (60) were their most in a decade. Given the abundance of wetland species, Wilson's Snipes (13) were surprisingly scarce. Ring-billed Gulls (21,143) had their best year in six, but Herring Gulls (773) have been at numbers less than half their average for the last five years. Thayer's Gulls (4) were found on three counts and two Glaucous Gulls were at Saylorsville. Belted Kingfishers (170) had their best count in six years.

Northern Bobwhites (42) were about half their average and only on six counts. Fourteen were at Lamoni, thirteen at Rathbun, and ten at Western Mercer County. Gray Partridges (11) were only found on four counts. Five were at Worth County. Ring-necked Pheasants (622) rebounded somewhat from last season's 25-year low, but they were still half their average. No Ruffed Grouse were reported. Deep snow and only two field parties on the Yellow River count made for long odds. Wild Turkeys (2,886) were found in good numbers and from all but five counts.

Bald Eagle (3,365) numbers were about average. Similar to last season, Northern Harriers (155) neared a twenty year high. It was also a good year for accipiters. Both Sharp-shinned (84) and Cooper's Hawks (103) were above-average. And after last season's goose-egg, Northern Goshawks were found on four counts. Red-shouldered Hawks (15) tied last year's record high. Red-tailed Hawks (1,873) were at their average, but Rough-legged Hawks (128) were somewhat below theirs. Golden Eagles (10) were found on five counts, with five at SE Clayton County. American Kestrels (615) were in good numbers. Peregrine Falcons (5) were found on four Mississippi River counts. Of all the raptors though, this was certainly the year of the Merlin (32), as they crushed their previous record of nineteen from last season.

Rock Pigeons (15,127) and Eurasian Collared-Doves (1,029) posted new highs. And Mourning Doves (5,899) were also present in good numbers.

Eastern Screech-Owls (161) have had only one count in the last twenty years that was even close to the numbers found this season. They were in double digits on four Mississippi River counts, the highest being Green Island with twenty-one. Great Horned Owls (276) were also found in high numbers and Barred Owls (235) were in record numbers. Long-eared Owls (54), Short-eared Owls (19), and Northern Saw-whet Owls (12) had good counts.

Red-headed Woodpeckers (276) were in above-average numbers. Yellow-bellied Sapsuckers (55) and Northern Flickers (766) were both about average. Red-bellied (2,809), Downy (3,137), Hairy (1,023), and Pileated Woodpeckers (158) all established new records.

Northern Shrikes (81) were in very good numbers. Nine of those birds were found across four counts in the Southern Third. Loggerhead Shrikes (2) were only reported from Muscatine and Union County. Double digit numbers were once the rule, but that hasn't occurred since '97-'98. Blue Jays (4,947) and American Crows (51,426) were typically common.

Black-capped Chickadees (9,395) had their best count in twenty years. Tufted Titmice (1,113) cracked one thousand birds for the first time. Red-breasted Nuthatches (156) were in average numbers. White-breasted Nuthatches (4,232) were in record numbers. Brown Creepers (465) were in near-record numbers. Both Carolina Wrens (287) and Winter Wrens (54) set new records. Golden-crowned Kinglets (66) numbers were down somewhat, while four Ruby-crowned Kinglets on three Mississippi River counts were about average.

Eastern Bluebirds (1,682) and Hermit Thrushes (46) were in record numbers. American Robins (8,936) were well above average. Northern Mockingbirds (5) were average, but Green Island had four of those. One was also at Lamoni. Four Brown Thrashers was above average. Three of those were at Jamaica and one was at Sac County. Cedar Waxwings (5,490) were in very good numbers. Yellow-rumped Warblers (87) were also plentiful, as were European Starlings (63,218). Davenport alone reported a Hitchcock-troubling 15,778 starlings.

A record sixteen Spotted Towhees was off-the-charts. Three Eastern Towhees were more typical. American Tree (19,275), Fox (77), Harris's (774), and White-crowned Sparrows (244) were all in record numbers. Song (822), Lincoln's (9), Swamp (169), and White-throated Sparrows (476) were in good numbers. Savannah Sparrows (4) returned to average numbers from last year's record of thirty-six. One Field Sparrow was reported at Jamaica. Dark-eyed Juncos (27,050) were in very good numbers.

Horned Larks (3,637) were in average numbers. Lapland Longspurs (775) were below average. Snow Buntings (2,025) rebounded tremendously from last year's decade low of fifty-seven.

It was a very good year for icterids. Red-winged Blackbird (36,135) numbers were the best in twenty years. Meadowlarks (424) were above average. Rusty Blackbirds (244) had their best year in ten. Brewer's Blackbirds (6) were on three counts. Common Grackles (7,088) broke a twenty year-old record, although Brown-headed Cowbirds (520) were only about one-third the average.

Northern Cardinals (8,305), Purple Finches (925), and House Finches (3,580) were all well-above average. Common Redpolls (1,284) were in unprecedented numbers. The previous high was 453 set in 1989-90. This season they were found on twenty-six counts. The high counts were 415 at Westfield and 239 at De Soto NWR. Pine Siskins (2,648) were at a 20-year high. American Goldfinch (6,245) and House Sparrow (33,692) numbers were both quite high. Eurasian Tree Sparrows (2,426) set a new high for the third straight year. They were found on all the Mississippi River counts north to Clinton and six Middle Third counts from Lost Nation northwest to Buchanan County and south to Amana.

NOTABLE MISSES

The most notable miss was certainly Ruffed Grouse. It had not been missed in the counts this compiler has records going back to '86-'87. That was an amazing run with only two counts, Decorah and Yellow River SF, typically finding them. Also notably absent was Lesser Black-backed Gull (7 of last 10). Others missed were: Black Scoter, American Pipit, Vesper Sparrow, and Great-tailed Grackle (4 of last 10). Maybe worth mentioning, because they made a number of appearances throughout the state this season, no Evening Grosbeaks were reported.

UNCOMMON SPECIES

There weren't any species new to the count, but there were many unusual ones. The best bird was likely the Mountain Bluebird found in Illinois on the Green Island count. A Townsend's Solitaire was also at Green Island, but on the Iowa side. Faintly echoing the invasion of last season, Snowy Owls were at Ames, Ida County, and Shenandoah.

A Blue-winged Teal was at Iowa City and five more were in Illinois at Keokuk. A record six Horned Grebes were found on four counts with three at Rathbun and singles at Keokuk, Spirit Lake, and Saylorville. Four Eared Grebes at Rathbun was also a count record. Equally unusual, a Western Grebe was at Red Rock. A Prairie Falcon was at Omaha. A Turkey Vulture was still soaring about in NW Clayton County. Thirty-four Bonaparte's Gulls were at Rathbun. A Great Black-backed Gull was at Keokuk. Two Black-billed Magpies were at Westfield. A record five Marsh Wrens were at Lamoni. A Gray Catbird was at Jamaica. A Pine Warbler was found in Illinois on the Keokuk count.

A Yellow-headed Blackbird was at Spirit Lake.

Crossbills provided a great deal of excitement this season. Seventeen Red Crossbills were found on five counts. Muscatine had eight, Keokuk six, and singles were at North Linn, Cedar Rapids, and Buchanan County. Twenty-seven White-winged Crossbills were on four counts. Keokuk and Carroll County had ten, Ames six and Saylorville one.

1813 Liberty Lane, Coralville, IA 52241 (cjcaster@q.com)

Trumpeter Swans, Burlington, Des Moines, 9 December 2012. Photograph by Jim Scheib, Iowa City, IA.



Cooper's Hawk, Boone, 10 January 2013. Photograph by Larry Dau, Boone, IA.



Northern Flicker, Iowa City, Johnson, 22 February 2013. Photograph by Jim Scheib, Iowa City, IA.

Thayer's Gull, Marion, 18 December 2012. Photograph by Stephen J. Dinsmore, Ames, IA.





Chipping Sparrow, Boone, 18 January 2013. Photograph by Larry Dau, Boone, IA.



Fox Sparrow, Boone, 24 February 2013. Photograph by Larry Dau, Boone, IA.



White-crowned Sparrow, West Des Moines, Polk, 6 January 2013. Photograph by John Bissell, Grimes, IA.



Northern Cardinal, Polk, 30 January 2013. Photograph by Richard S. Wacha, Des Moines, IA.

Table 1. Site Data for 2012-2013 Christmas Bird Counts

| Location | Date | Total | | Field | | Miles | | Owling | | Feeder | | Temp | | Snow | | |
|------------------------|--------|---------|--------|-------|-----|-------|--------|--------|-------|--------|----|-------|-----|-------|------|-----------|
| | | Species | Birds | Obs | Pts | Hr | Car | Ft | Hr | Mi | Pt | L | H | Depth | Wind | |
| MISSISSIPPI RIVER | | | | | | | | | | | | | | | | |
| 1. Yellow River Forest | 21-Dec | 50 | 2,649 | 3 | 2 | 12.5 | 136 | 1 | 0.5 | 10 | 0 | 0 | 20 | 28 | 12 | NW 5-15 |
| 2. SE Clayton County | 2-Jan | 56 | 3,553 | 3 | 2 | 16.25 | 105 | 1 | 1.5 | 12 | 1 | 3 | 9 | 27 | 10 | NW 0-10 |
| 3. Dubuque | 29-Dec | 60 | 4,725 | 18 | 7 | 35.25 | 240 | 12 | 0 | 0 | 2 | 0.5 | 21 | 25 | 8 | N 7-11 |
| 4. Green Island | 14-Dec | 90 | 26,105 | 27 | 7 | 56.75 | 432.6 | 11.5 | 4.25 | 42 | 0 | 0 | 23 | 49 | 0 | S 0-8 |
| 5. Clinton | 19-Dec | 90 | 51,249 | 11 | 4 | 36.5 | 244 | 1.25 | 5 | 67 | 0 | 0 | 34 | 45 | 0 | W 0-5 |
| 6. Princeton | 20-Dec | 52 | 3,884 | 7 | 4 | 23.75 | 235 | 1.75 | 6 | 65 | 0 | 0 | 28 | 40 | 4 | NW 5-50 |
| 7. Davenport | 16-Dec | 95 | 58,106 | 16 | 7 | 63.25 | 404 | 14 | 11.25 | 129 | 15 | 20.75 | 39 | 45 | 0 | W 5-20 |
| 8. Andalusia | 5-Jan | 77 | 7,811 | 7 | 3 | 28.75 | 244 | 0.25 | 5 | 52 | 0 | 0 | 23 | 35 | 2 | SW 5-15 |
| 9. Muscatine | 26-Dec | 84 | 13,734 | 10 | 5 | 43.75 | 399 | 6 | 8 | 79 | 8 | 9 | 20 | 28 | 3 | N 10-15 |
| 10. West Mercer County | 31-Dec | 78 | 11,831 | 9 | 5 | 42 | 344 | 6 | 8.75 | 84 | 0 | 0 | 20 | 36 | 2 | N 10-15 |
| 11. Burlington | 15-Dec | 82 | 13,091 | 17 | 7 | 53 | 297 | 37 | 1 | 10 | 4 | 24 | 36 | 45 | 0 | NW 10-15 |
| 12. Keokuk | 17-Dec | 97 | 81,046 | 14 | 6 | 53.5 | 455 | 9 | 3 | 25 | 1 | 1 | 28 | 37 | 0 | WNW 2-6 |
| MISSOURI RIVER | | | | | | | | | | | | | | | | |
| 13. Westfield | 29-Dec | 43 | 5,767 | 11 | 5 | 8 | 321.5 | 4 | 1.5 | 9 | 1 | 6 | 4 | 16 | 1.5 | W 4-12 |
| 14. Sioux City | 22-Dec | 58 | 26,310 | 12 | 6 | 37 | 402 | 13 | 2 | 4 | 4 | 9 | 13 | 32 | 3 | S 0-10 |
| 15. De Soto NWR | 29-Dec | 73 | 7,357 | 15 | 11 | 64 | 401 | 26.75 | 1.5 | 23 | 1 | 5 | 12 | 20 | 5 | NW/S 3-8 |
| 16. Omaha | 15-Dec | 75 | 19,751 | 25 | 12 | 68.75 | 329 | 23 | 1.5 | 7 | 2 | 11 | 43 | 52 | 0 | NW 0-15 |
| NORTHERN THIRD | | | | | | | | | | | | | | | | |
| 17. NW Clayton County | 2-Jan | 52 | 3,794 | 3 | 2 | 17.75 | 130 | 1 | 0 | 0 | 0 | 0 | 3 | 25 | 9 | SW 0-5 |
| 18. Decorah | 22-Dec | 53 | 5,219 | 10 | 4 | 22 | 256 | 4.5 | 1 | 12 | 9 | 12 | -2 | 27 | 5 | S 5-15 |
| 19. Bremer County | 15-Dec | 63 | 14,451 | 7 | 5 | 37 | 437 | 8 | 2 | 6 | 0 | 0 | 39 | 44 | 0 | SSE 12-22 |
| 20. Worth County | 1-Jan | 33 | 3,809 | 6 | 3 | 24.5 | 234 | 6 | 0 | 0 | 0 | 0 | -17 | 10 | 6 | calm |
| 21. Mason City | 15-Dec | 47 | 13,386 | 12 | 7 | 49 | 439 | 9 | 0 | 0 | 6 | 7.5 | 39 | 43 | 0 | S 12-18 |
| 22. Spirit Lake | 15-Dec | 73 | 55,466 | 8 | 3 | 19 | 199 | 2 | 0.5 | 0.1 | 13 | 20.5 | 36 | 40 | 0 | SE 10-15 |
| 23. Humboldt County | 5-Jan | 48 | 3,327 | 7 | 4 | 26.25 | 291.4 | 6 | 2 | 44 | 1 | 1.5 | 14 | 30 | 4 | WSW 0-16 |
| 24. Cherokee | 22-Dec | 38 | 1,864 | 7 | 2 | 8 | 378 | 0 | 0 | 0 | 1 | 4 | 14 | 33 | 4 | SW 5-14 |
| 25. Canton | 29-Dec | 40 | 3,292 | 8 | 4 | 31.83 | 419.75 | 8.75 | 2.33 | 11 | 0 | 0 | -2 | 14 | 6 | W 0-10 |
| MIDDLE THIRD | | | | | | | | | | | | | | | | |
| 26. Lost Nation | 18-Dec | 64 | 10,117 | 19 | 5 | 37.75 | 399 | 2 | 2.5 | 16 | 0 | 0 | 28 | 37 | 0 | ESE 3-18 |
| 27. North Linn | 22-Dec | 55 | 4,728 | 8 | 4 | 29.75 | 273 | 1 | 2.75 | 25 | 0 | 0 | 0 | 25 | 6 | NW 2-10 |

| | | | | | | | | | | | | | | | | |
|---------------------------|--------|----|---------|----|----|--------|--------|-------|------|-------|----|------|----|----|-----|-----------|
| 28. Cedar Rapids | 15-Dec | 76 | 13,085 | 14 | 8 | 47.5 | 462 | 5.75 | 2.75 | 23 | 6 | 17.5 | 38 | 46 | 0 | S 12-22 |
| 29. Iowa City | 16-Dec | 81 | 14,713 | 30 | 11 | 66 | 493 | 19 | 5 | 48 | 11 | 20 | 37 | 39 | 0 | WNW 5-14 |
| 30. Amara | 29-Dec | 48 | 1,317 | 8 | 3 | 20 | 60 | 6 | 4 | 20 | 0 | 0 | 19 | 20 | 4.5 | NW 10-15 |
| 31. Buchanan County | 23-Dec | 58 | 8,473 | 3 | 2 | 20 | 168 | 1.5 | 1.75 | 19 | 0 | 0 | 11 | 21 | 10 | NW 5-20 |
| 32. Cedar Falls-Waterloo | 16-Dec | 61 | 19,324 | 10 | 7 | 47 | 505 | 14 | 1 | 3 | 0 | 0 | 23 | 39 | 0 | WNW 9-17 |
| 33. Eldora-Union | 19-Dec | 39 | 2,604 | 9 | 3 | 22 | 163 | 4 | 0.67 | 9 | 0 | 0 | 30 | 34 | 0 | E 0-15 |
| 34. Grinnell | 29-Dec | 32 | 1,367 | 5 | 3 | 28 | 85 | 10 | 2 | 0 | 2 | 8 | 8 | 18 | 6 | NW 5-12 |
| 35. Ames | 15-Dec | 75 | 22,128 | 42 | 19 | 104.75 | 380.5* | 44 | 2.5 | 21.5 | 7 | 12.5 | 40 | 48 | 0 | S 2-16 |
| 36. Saylorville Reservoir | 16-Dec | 98 | 38,989 | 28 | 12 | 110 | 669 | 45 | 8 | 63 | 0 | 0 | 19 | 36 | 0 | NW 5-15 |
| 37. Des Moines | 22-Dec | 75 | 22,735 | 17 | 11 | 47 | 472 | 15 | 5 | 25 | 5 | 15 | 10 | 40 | 12 | S 0-5 |
| 38. Neal Smith NWR | 5-Jan | 45 | 1,879 | 28 | 8 | 26.5 | 153 | 14.5 | 2.75 | 20 | 2 | 8 | 23 | 37 | 5 | SE 13-18 |
| 39. SE Webster County | 29-Dec | 44 | 9,190 | 13 | 5 | 28 | 240 | 1 | 0 | 0 | 0 | 0 | 5 | 13 | 8 | N 5-10 |
| 40. Boone County | 29-Dec | 60 | 8,975 | 36 | 18 | 99 | 646.5 | 37.5 | 6.25 | 41 | 11 | 33.5 | 11 | 16 | 7 | W 6-16 |
| 41. Jamaica | 18-Dec | 74 | 14,223 | 13 | 7 | 40 | 386 | 8.5 | 3 | 45 | 1 | 0.5 | 29 | 36 | 0 | NW 10-20 |
| 42. Dallas County | 15-Dec | 41 | 3,329 | 10 | 5 | 26.75 | 128 | 11.25 | 0 | 0 | 8 | 8.5 | 43 | 47 | 0 | ENE 2-12 |
| 43. Sac County | 22-Dec | 51 | 7,018 | 9 | 9 | 38.5 | 397 | 4 | 3 | 15.35 | 3 | 10 | 8 | 32 | 3 | W 12-21 |
| 44. Carroll County | 5-Jan | 53 | 7,409 | 12 | 6 | 32.25 | 332 | 11.75 | 2.75 | 8 | 2 | 5 | 20 | 30 | 6 | SW 10-35 |
| 45. Ida County | 15-Dec | 52 | 3,638 | 17 | 8 | 44 | 427 | 5 | 0 | 0 | 2 | 4 | 27 | 42 | 0 | WNW 5-11 |
| SOUTHERN THIRD | | | | | | | | | | | | | | | | |
| 46. Wapello County | 28-Dec | 36 | 4,323 | 7 | 2 | 10.5 | 111 | 1.5 | 0 | 0 | 3 | 2 | 26 | 33 | 0.5 | NW 0-5 |
| 47. Red Rock Reservoir | 15-Dec | 81 | 11,810 | 10 | 7 | 41.75 | 330 | 14.5 | 1.25 | 16 | 0 | 0 | 39 | 48 | 0 | NW 2-12 |
| 48. Rathbun Reservoir | 15-Dec | 84 | 25,634 | 14 | 6 | 45 | 522 | 6.5 | 4.5 | 68 | 9 | 17 | 41 | 52 | 0 | SSE 10-15 |
| 49. Lamoni | 15-Dec | 79 | 15,495 | 13 | 6 | 45 | 236 | 46.5 | 3 | 4 | 0 | 0 | 44 | 50 | 0 | SSW 5-15 |
| 50. Union County | 26-Dec | 63 | 20,249 | 3 | 2 | 14.5 | 136 | 6 | 2 | 10 | 0 | 0 | 1 | 18 | 6 | N 10-15 |
| 51. Taylor County | 27-Dec | 61 | 5,242 | 6 | 3 | 46.5 | 227 | 7 | 2 | 24 | 0 | 0 | 2 | 8 | 2 | N 0-10 |
| 52. Shenandoah | 15-Dec | 76 | 186,359 | 9 | 5 | 41 | 355 | 6.5 | 1.5 | 7 | 10 | 5 | 24 | 36 | 0 | S 0-8 |
| TOTALS | | | 925,930 | | | | | | | | | | | | | |

*Includes 11 miles by bicycle.

Table 2a. Christmas Bird Count Data, 2012–2013

| Location | Gr W-f Go | Sn Go | Ro Go | Cack Go | Ca Go | Tr Sw | Tu Sw | Wo Du | Ga | Am Wi Pe | Am Bi Du |
|---------------------------|-----------------|-------------|-----------|-------------|---------------|------------|-------------|-----------|-------------|----------------|----------------|
| MISSISSIPPI RIVER | | | | | | | | | | | |
| 1. Yellow River Forest | | | | | 496 | | 13 | | | | |
| 2. SE Clayton County | | | | | 16 | | | | | | |
| 3. Dubuque | | | | | 545 | | | 1 | | | 1 |
| 4. Green Island | | 4 | | 19 | 2593 | | 7 | 6 | 6 | 2 | 6 |
| 5. Clinton | 38 | | | 20 | 2798 | 9 | 1416 | | 121 | 4 | 15 |
| 6. Princeton | | | | | 83 | 8 | | | | | |
| 7. Davenport | 9 | 15 | | 114 | 3581 | 3 | | 6 | 31 | 1 | 4 |
| 8. Andalusia | | | | 6 | 273 | | | | | | 1 |
| 9. Muscatine | | | | 6 | 2527 | | | 1 | 16 | | 2 |
| 10. West Mercer County | 11 | | | 5 | 1805 | | | 1 | 7 | | 4 |
| 11. Burlington | | 18 | | 64 | 1926 | | | 1 | 27 | | |
| 12. Keokuk | 6 | 363 | | | 1182 | | | 5 | 505 | 130 | |
| Subtotals | 64 | 400 | 0 | 234 | 17825 | 20 | 1436 | 21 | 713 | 137 | 33 |
| MISSOURI RIVER | | | | | | | | | | | |
| 13. Westfield | | 6 | | | 1916 | | | | | | |
| 14. Sioux City | 4 | 1 | | 54 | 20473 | | | | 1 | 1 | |
| 15. De Soto NWR | | cw | | | 197 | | | | | | |
| 16. Omaha | | 28 | | 64 | 10283 | | | | 14 | 1 | |
| Subtotals | 4 | 35 | 0 | 118 | 32869 | 0 | 0 | 0 | 15 | 2 | 0 |
| NORTHERN THIRD | | | | | | | | | | | |
| 17. NW Clayton County | | | | | | 3 | | | | | |
| 18. Decorah | | | | 6 | 1060 | | | 1 | 2 | | |
| 19. Bremer County | 1 | | | 2 | 6233 | | | | 13 | | 1 |
| 20. Worth County | | | | | 1069 | | | | | | |
| 21. Mason City | | | | 67 | 4665 | 70 | | | | | |
| 22. Spirit Lake | 1 | 6 | 5 | 597 | 41340 | 8 | | 1 | 1 | 1 | |
| 23. Humboldt County | 1 | | | 2 | 1044 | | | | | 1 | |
| 24. Cherokee | | | | | 200 | | | | | | |
| 25. Canton | | | | | | | | | | | |
| Subtotals | 3 | 6 | 5 | 674 | 55611 | 81 | 0 | 2 | 16 | 2 | 1 |
| MIDDLE THIRD | | | | | | | | | | | |
| 26. Lost Nation | | | | | 1742 | 20 | | | | | |
| 27. North Linn | | | | | 249 | | | | | | |
| 28. Cedar Rapids | | 2 | | 9 | 3555 | | | | 7 | | 5 |
| 29. Iowa City | 24 | | | 24 | 5375 | 7 | | | 39 | 15 | 1 |
| 30. Amana | | 75 | | | 50 | 3 | | | | | |
| 31. Buchanan County | | | | 1 | 1213 | | | | | | |
| 32. Cedar Falls-Waterloo | | 2 | 2 | 39 | 12394 | 39 | | | 5 | 3 | 4 |
| 33. Eldora-Union | | | | 1 | 1089 | 9 | | | | | |
| 34. Grinnell | | | | | 750 | | | | | | |
| 35. Ames | | 15 | | 354 | 6502 | 11 | | 4 | 6 | cw | cw |
| 36. Saylorville Reservoir | 4 | 1 | | 561 | 9056 | | | 1 | 7 | 1 | 9 |
| 37. Des Moines | 4 | 3 | | 323 | 12575 | 31 | 1 | 1 | 60 | 4 | 2 |
| 38. Neal Smith NWR | | | | | 72 | | | | | | |
| 39. SE Webster County | | | | 5 | 3300 | 25 | | | | 1 | |
| 40. Boone County | | | | | 1627 | | | | 2 | | |
| 41. Jamaica | 10 | 9 | 1 | 135 | 9235 | | | | 18 | | |
| 42. Dallas County | | | | 300 | 711 | 3 | | | | | |
| 43. Sac County | 2 | | | 35 | 2100 | 3 | | | | | |
| 44. Carroll County | 3 | | | | 1821 | | | | | | |
| 45. Ida County | | | | 38 | 860 | | | | 2 | | 1 |
| Subtotals | 47 | 107 | 3 | 1825 | 74276 | 151 | 1 | 6 | 146 | 24 | 22 |
| SOUTHERN THIRD | | | | | | | | | | | |
| 46. Wapello County | | | | | 1252 | | | | | | |
| 47. Red Rock Reservoir | 1 | 101 | | 159 | 2200 | 5 | | | 7 | 1 | 1 |
| 48. Rathbun Reservoir | 3 | 129 | | 25 | 3809 | | | | 65 | 1 | |
| 49. Lamoni | 21 | 46 | | 177 | 3414 | | | | | | |
| 50. Union County | 2 | 1 | | 219 | 10804 | | | | | 4 | |
| 51. Taylor County | | | | 15 | 1004 | | | | 2 | 1 | 2 |
| 52. Shenandoah | 41 | 751 | 7 | 730 | 4800 | cw | | 5 | 49 | 4 | |
| Subtotals | 68 | 1028 | 7 | 1325 | 27283 | 5 | 0 | 5 | 123 | 11 | 3 |
| TOTALS | 186 | 1576 | 15 | 4176 | 207864 | 257 | 1437 | 34 | 1013 | 176 | 59 |

| Ma | No Sh | No Pi | Gr Wi Te | Ca | Re | Ri Ne Du | Gr Sc | Le Sc | Bu | Co Go | Ho Me | Co Me | Re Br Me |
|--------|-------|-------|----------|-------|-----|----------|-------|-------|------|-------|-------|-------|----------|
| 140 | | | | 2 | | | | 3 | | 44 | | 62 | |
| 4 | | | | 3 | | 2 | | 9 | | 5 | | 1 | |
| 255 | | 1 | | 1 | 4 | | | 1 | | 1 | 3 | 1 | |
| 10664 | 60 | 252 | | 606 | | 120 | 1 | 1500 | 35 | 6 | | 1 | |
| 2729 | 382 | 529 | 70 | 9501 | 20 | 656 | 3 | 9320 | 1080 | 3769 | 9 | 8 | 1 |
| 64 | | | | | | | | 250 | 3 | 2 | | | |
| 843 | 90 | 9 | | 31 | 2 | 53 | 36 | 646 | 40 | 81 | 3 | 6 | |
| 1000 | | | | 237 | 2 | 10 | 2 | 400 | 1 | 1400 | 2 | 21 | |
| 530 | | | 2 | 106 | 2 | 13 | | 419 | 1 | 228 | | 180 | |
| 366 | | | | | | | | | | 112 | | 156 | |
| 483 | 1 | 6 | 3 | 850 | 6 | 8 | 7 | 143 | 129 | 1 | 9 | | |
| 768 | 555 | 48 | 166 | 9805 | 77 | 1977 | 564 | 7333 | 3 | 1060 | 21 | 1 | |
| 17846 | 1088 | 845 | 241 | 21142 | 113 | 2839 | 613 | 20024 | 1292 | 6709 | 47 | 437 | 1 |
| 12 | | | | | | | | | | 7 | | | |
| 1271 | | | | | 1 | | | | | 15 | | 24 | |
| 248 | | 1 | | 1 | | | | 3 | 1 | 11 | | 95 | |
| 650 | cw | | 8 | 19 | | 2 | | 14 | 1 | 90 | 7 | 87 | |
| 2181 | 0 | 1 | 8 | 20 | 1 | 2 | 0 | 17 | 2 | 123 | 7 | 206 | 0 |
| 73 | | | 1 | | | 2 | | 13 | | | 2 | | |
| 4405 | 25 | 2 | 1 | | | | | | | | | | |
| 826 | 7 | cw | 1 | 1 | 39 | 36 | 33 | 11 | 9 | 383 | 21 | 86 | 1 |
| 8418 | 56 | 1 | 1 | 45 | | 1 | | 159 | | | 1 | | |
| 175 | | | | | | | | | | | | | |
| 51 | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | |
| 13956 | 88 | 3 | 4 | 46 | 39 | 39 | 33 | 183 | 10 | 383 | 24 | 86 | 1 |
| 26 | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | |
| 1217 | 2 | 2 | 6 | | 2 | | | 15 | | 33 | 5 | 1 | |
| 1018 | 47 | 3 | 40 | | 1 | 8 | | 102 | 2 | 3 | 6 | 4 | |
| 197 | | | | | | | | | | | | | |
| 1037 | 24 | 2 | | 17 | 1 | 3 | | 38 | 4 | 14 | 6 | 8 | |
| 371 | | | | | | | | | | | | 1 | |
| 15 | | | | | | | | | | | | | |
| 569 | cw | cw | | | 1 | | | 6 | | 1 | 12 | cw | |
| 11787 | 28 | 3 | 32 | 45 | 1 | 7 | 12 | 227 | 8 | 228 | 36 | 803 | 6 |
| 2245 | 8 | 5 | 14 | 24 | 18 | 42 | 3 | 122 | | 270 | 47 | 85 | |
| 3500 | | 2 | 3 | | 1 | | | | | 3 | 1 | | |
| 7 | | | | | | | | | | | | | |
| 1966 | 5 | | 2 | | 2 | 22 | | 115 | | 2 | 20 | 166 | 4 |
| 1400 | | | | | | 1 | | | | | | | |
| 680 | | 1 | | | | | | 1 | | 1 | | | |
| 873 | | 1 | | | 2 | | | 2 | | 8 | 1 | 4 | |
| 26952 | 114 | 19 | 97 | 86 | 29 | 83 | 15 | 628 | 14 | 563 | 134 | 1072 | 10 |
| 73 | 30 | | | | | | | | | | | | |
| 1438 | 6 | 2 | 1 | | 1 | | | 15 | | 628 | 22 | 39 | 11 |
| 16688 | | | 2 | 6 | 17 | 90 | | 400 | 14 | 2 | 51 | 21 | |
| 456 | | | | | | 6 | | 20 | | 1 | | 1 | |
| 4918 | | 1 | | 60 | 2 | 33 | 3 | 169 | | 38 | 2 | | |
| 700 | | 3 | | | | | | 1 | | 1 | | | |
| 175000 | 48 | 52 | 83 | | | 342 | | 8 | | | | 5 | |
| 199273 | 84 | 58 | 86 | 66 | 20 | 471 | 3 | 613 | 14 | 670 | 75 | 66 | 11 |
| 260208 | 1374 | 926 | 436 | 21360 | 202 | 3434 | 664 | 21465 | 1332 | 8448 | 287 | 1867 | 23 |

Table 2b. Christmas Bird Count Data, 2012–2013

| Location | Ru Du | No Bo | Gr Pa | Ri Ne Ph | Wi Tu | Pi Bi Gr | Ho Gr | Do Cr Co | Am Wh Pe | Gr Bl He | Ba Ea |
|---------------------------|-------------|-----------|-----------|----------------|-------------|----------------|----------|----------------|----------------|----------------|-------------|
| MISSISSIPPI RIVER | | | | | | | | | | | |
| 1. Yellow River Forest | | | | 1 | 67 | | | | | | 195 |
| 2. SE Clayton County | | | | | 200 | | | | | | 48 |
| 3. Dubuque | | | | | 179 | | | | | 1 | 95 |
| 4. Green Island | 12 | | | 1 | 10 | 1 | | | | 2 | 227 |
| 5. Clinton | 512 | | | | | 2 | | 7 | | 44 | 81 |
| 6. Princeton | | 2 | | | 4 | 1 | | | | 2 | 17 |
| 7. Davenport | 37 | | | 6 | 7 | 4 | | 36 | 200 | 25 | 115 |
| 8. Andalusia | | | | 2 | 21 | | | | | | 91 |
| 9. Muscatine | | | | 25 | 42 | 1 | | 1 | 4 | 1 | 510 |
| 10. West Mercer County | | 10 | | 19 | 100 | | | 2 | 1 | 20 | 338 |
| 11. Burlington | 422 | 1 | | 2 | | 1 | | | 8 | 25 | 57 |
| 12. Keokuk | 5149 | | | 1 | 12 | 5 | 1 | | | 21 | 117 |
| Subtotals | 6132 | 13 | 0 | 57 | 642 | 15 | 1 | 46 | 213 | 141 | 1891 |
| MISSOURI RIVER | | | | | | | | | | | |
| 13. Westfield | | | | 14 | 52 | | | | | | 10 |
| 14. Sioux City | | | | | 213 | | | | | 1 | 14 |
| 15. De Soto NWR | | | | 3 | 169 | | | | 1 | 1 | 50 |
| 16. Omaha | 30 | | | | 45 | 6 | | | | 6 | 88 |
| Subtotals | 30 | 0 | 0 | 17 | 479 | 6 | 0 | 0 | 1 | 8 | 162 |
| NORTHERN THIRD | | | | | | | | | | | |
| 17. NW Clayton County | | | | 5 | 65 | | | | | | 70 |
| 18. Decora | | | | 28 | 117 | | | | | 1 | 41 |
| 19. Bremer County | | | | 3 | 44 | | | | | 1 | 31 |
| 20. Worth County | | | 5 | 20 | 239 | | | | | | 5 |
| 21. Mason City | 2 | | | 1 | 345 | | | | | | 9 |
| 22. Spirit Lake | 18 | | 1 | 5 | 36 | 2 | 1 | 1 | 1 | | 15 |
| 23. Humboldt County | | | | 57 | 2 | | | | | | 13 |
| 24. Cherokee | | | | 3 | 22 | | | | | | 19 |
| 25. Canton | | | | 37 | 60 | | | | | | 1 |
| Subtotals | 20 | 0 | 6 | 159 | 930 | 2 | 1 | 1 | 1 | 2 | 204 |
| MIDDLE THIRD | | | | | | | | | | | |
| 26. Lost Nation | | | | 27 | 28 | | | | | | 44 |
| 27. North Linn | | | | 34 | 24 | | | | | | 48 |
| 28. Cedar Rapids | 1 | | | 3 | 121 | | | | 1 | 1 | 25 |
| 29. Iowa City | | | | | 31 | | | | 2 | 1 | 84 |
| 30. Amana | | | | 3 | 20 | | | | | 1 | 32 |
| 31. Buchanan County | | | | | 137 | | | | | | 24 |
| 32. Cedar Falls-Waterloo | 3 | | | 3 | 44 | | | 6 | | | 96 |
| 33. Eldora-Union | | | | | 28 | | | | | 1 | 23 |
| 34. Grinnell | | | | 6 | 63 | | | | | | 5 |
| 35. Ames | | | | 50 | | 4 | | | | | 15 |
| 36. Saylorville Reservoir | | | | 7 | 6 | 4 | 1 | | 11 | 2 | 95 |
| 37. Des Moines | 3 | | | | 21 | | | | 3 | 10 | 144 |
| 38. Neal Smith NWR | | | | 10 | 5 | | | | | | 18 |
| 39. SE Webster County | | | 2 | 58 | 9 | | | | | | 19 |
| 40. Boone County | | | | 66 | 55 | | | | | | 35 |
| 41. Jamaica | | | 3 | 1 | | | | | | | 18 |
| 42. Dallas County | | | | 1 | | | | | | | 9 |
| 43. Sac County | | | | 12 | 7 | | | | | | 40 |
| 44. Carroll County | | | | 82 | 8 | | | | | | 11 |
| 45. Ida County | | | | 10 | 7 | | | | | | 2 |
| Subtotals | 7 | 0 | 5 | 373 | 614 | 8 | 1 | 6 | 17 | 16 | 787 |
| SOUTHERN THIRD | | | | | | | | | | | |
| 46. Wapello County | | | | | 22 | | | | 2 | | 42 |
| 47. Red Rock Reservoir | 9 | | | 1 | 21 | | | 6 | 533 | | 56 |
| 48. Rathbun Reservoir | 2 | 13 | | 1 | 38 | 7 | 3 | 7 | 97 | 10 | 108 |
| 49. Lamoni | 3 | 14 | | 2 | 104 | | | 2 | | 2 | 50 |
| 50. Union County | 3 | | | 1 | 14 | | | | | | 13 |
| 51. Taylor County | | | | 3 | 12 | | | | | 1 | 21 |
| 52. Shenandoah | 3 | 2 | | 8 | 10 | | | 1 | | 2 | 31 |
| Subtotals | 20 | 29 | 0 | 16 | 221 | 7 | 3 | 16 | 632 | 15 | 321 |
| TOTALS | 6209 | 42 | 11 | 622 | 2886 | 38 | 6 | 69 | 864 | 182 | 3365 |

| No Ha | Sh Ha | Co Ha | No Go | ac sp | Re Sh Ha | Re Ta Ha | Ro Le Ha | Go Fa | Am Co | Sa Cr | Ki | Wi Sn | Ri Bi Gu |
|----------|----------|----------|----------|----------|----------------|----------------|----------------|----------|----------|----------|----|----------|----------------|
| 1 | 1 | 1 | 1 | | | 11 | | | 12 | | | | 15 |
| 1 | 1 | 3 | | | | 16 | 4 | 5 | | | | | 1 |
| 12 | 2 | 5 | | | | 40 | 1 | | 34 | | | | 1 |
| | 3 | 4 | | | 1 | 107 | 4 | 2 | 345 | 17 | | | 256 |
| | | | | | | 56 | 2 | | 2020 | 79 | | 1 | 3151 |
| | 3 | 4 | | | 2 | 8 | | | 1 | | | | 68 |
| 1 | 2 | 3 | | | 1 | 52 | | | 104 | 2 | 7 | 2 | 5421 |
| 2 | 1 | 3 | | 1 | 1 | 25 | 3 | | 2 | | | | 47 |
| 8 | 2 | 4 | | | | 43 | 6 | | | | | | 143 |
| 10 | 4 | 2 | | | | 49 | 7 | | | | | | 48 |
| | 4 | 1 | | | | 43 | 2 | | 11 | | | | 2390 |
| | 3 | 4 | | | 1 | 42 | 1 | | 1797 | 1 | 7 | 6 | 950 |
| 35 | 25 | 31 | 1 | 1 | 5 | 492 | 30 | 7 | 4326 | 99 | 14 | 9 | 12490 |
| | | | | | | 28 | 12 | | | | | | |
| 2 | 3 | 1 | | | | 48 | 5 | | 20 | | | | |
| 12 | 6 | 4 | | 1 | | 75 | 7 | | | | | | |
| 3 | 4 | 3 | | | | 66 | cw | | | | | | 260 |
| 17 | 13 | 8 | 0 | 1 | 0 | 217 | 24 | 0 | 20 | 0 | 0 | 0 | 260 |
| 1 | | | | | | 30 | 5 | 1 | | | | | |
| 4 | 4 | 1 | | | 1 | 26 | 4 | | | | | 1 | |
| | 2 | 2 | 1 | | | 10 | 1 | | | | | | |
| | 3 | | | | | 25 | | | | | | | |
| 4 | | 1 | | | | 7 | | | 10 | | | | |
| 1 | 1 | 1 | | | | 3 | 2 | | 1041 | | | | 11 |
| | 2 | 2 | | | | 13 | | | | | | | |
| | 1 | 1 | | 1 | | 31 | | | | | | | |
| 10 | 13 | 8 | 1 | 1 | 1 | 18 | 7 | | | | | | |
| | | | | | | 163 | 19 | 1 | 1052 | 0 | 0 | 1 | 11 |
| 6 | 1 | 1 | | | | 40 | 2 | | | | | | |
| | | | | | | 24 | 4 | | | | 4 | | |
| | 3 | 5 | | | 1 | 48 | | | 1 | | | 1 | 396 |
| 17 | | 5 | | 4 | 1 | 57 | 2 | | 25 | | 7 | | 765 |
| 3 | | | | 1 | 1 | 15 | 3 | | | | | 1 | |
| | 2 | 2 | | | | 16 | 2 | | | | | | |
| | | 3 | | | 3 | 44 | 4 | | 5 | | | | 13 |
| 1 | | | | | | 15 | | | | | | | |
| | 1 | 1 | | | | 17 | 1 | | | | | | |
| 4 | 1 | 6 | | | | 104 | 1 | | 7 | | | | 1 |
| 12 | 5 | 7 | | 1 | | 91 | 6 | | 3 | | 19 | 1 | 4000 |
| | 4 | 5 | | | 1 | 33 | | | 40 | | | | 682 |
| 2 | | 1 | | | | 35 | 1 | | | | | | |
| | | 1 | | | | 11 | 1 | | 10 | | | | |
| | 6 | 8 | | 2 | | 59 | 6 | 1 | | | 2 | | |
| 3 | 2 | 1 | | | | 29 | | | 44 | | 3 | | 10 |
| 1 | 1 | | | | | 18 | 1 | | | | | | |
| 1 | 1 | | | 1 | | 33 | 1 | | | | | | |
| | cw | | | | | 16 | 2 | 1 | | | | | |
| | | 1 | | | | 16 | | | | | | | |
| 50 | 28 | 48 | 0 | 9 | 6 | 721 | 37 | 2 | 135 | 0 | 35 | 3 | 5867 |
| | | 1 | | | | 20 | 1 | | | | | | 16 |
| 2 | | | | | 1 | 62 | 1 | | 34 | | | | 2004 |
| 4 | | | 1 | | | 40 | | | 1 | | 6 | | 494 |
| 7 | 2 | 3 | | | 1 | 34 | 6 | | 1 | | | | 1 |
| 1 | | | | | | 25 | 2 | | 40 | | | | |
| 11 | | 1 | | 1 | 1 | 51 | 7 | | | | | | |
| 12 | 3 | 3 | | | | 48 | 1 | | 92 | 2 | 5 | | |
| 43 | 5 | 8 | 2 | 1 | 3 | 280 | 18 | 0 | 168 | 2 | 11 | 0 | 2515 |
| 155 | 84 | 103 | 4 | 13 | 15 | 1873 | 128 | 10 | 5701 | 101 | 60 | 13 | 21143 |

Table 2c. Christmas Bird Count Data, 2012–2013

| Location | He Gu | Ro Pi | Eu Co Do | Mo Do | Ea Sc Ow | Gr Ho Ow | Ba Ow | Lo Ea Ow | Sh Ea Ow | No S-w Ow | Be Ki |
|---------------------------|------------|--------------|----------------|-------------|----------------|----------------|------------|----------------|----------------|-----------------|------------|
| MISSISSIPPI RIVER | | | | | | | | | | | |
| 1. Yellow River Forest | 3 | 142 | 5 | 42 | 2 | 1 | 1 | | | | 1 |
| 2. SE Clayton County | | 19 | | 65 | 11 | 9 | | | | | 3 |
| 3. Dubuque | | 145 | | 52 | | | 1 | | | | 5 |
| 4. Green Island | 4 | 279 | | 133 | 21 | 16 | 14 | 32 | | | 5 |
| 5. Clinton | 15 | 171 | 5 | 14 | 4 | 8 | 5 | | | | 8 |
| 6. Princeton | 3 | 7 | | 5 | 5 | 5 | 3 | | | 1 | |
| 7. Davenport | 167 | 1966 | | 1773 | 3 | 4 | 5 | | | | 15 |
| 8. Andalusia | 1 | 164 | 10 | 227 | 11 | 14 | 23 | | | 1 | 1 |
| 9. Muscatine | 6 | 94 | 23 | 389 | 15 | 13 | 19 | 1 | | | 1 |
| 10. West Mercer County | 4 | 62 | 4 | 595 | 8 | 9 | 27 | 2 | | 1 | 2 |
| 11. Burlington | | 195 | 8 | 87 | 4 | 1 | 10 | | | | 8 |
| 12. Keokuk | 75 | 230 | 11 | 131 | 7 | 4 | 3 | | | | 12 |
| Subtotals | 278 | 3474 | 66 | 3513 | 91 | 84 | 111 | 35 | 0 | 3 | 61 |
| MISSOURI RIVER | | | | | | | | | | | |
| 13. Westfield | | 90 | 43 | 29 | 4 | 3 | | | | | 1 |
| 14. Sioux City | | 1284 | 13 | 2 | 3 | 1 | | | | | 1 |
| 15. De Soto NWR | | 361 | 3 | 17 | 1 | 5 | 5 | 1 | | 1 | 4 |
| 16. Omaha | 3 | 451 | 14 | 17 | 1 | 3 | 1 | | | | 12 |
| Subtotals | 3 | 2186 | 73 | 65 | 9 | 12 | 6 | 1 | 0 | 1 | 17 |
| NORTHERN THIRD | | | | | | | | | | | |
| 17. NW Clayton County | | 49 | | 4 | 3 | 1 | 2 | | | | 8 |
| 18. Decorah | | 303 | | 34 | 1 | 5 | | | | | 3 |
| 19. Bremer County | | 269 | 2 | 44 | 1 | 3 | 3 | | | | |
| 20. Worth County | | 201 | | 38 | | 4 | | 2 | | | |
| 21. Mason City | | 350 | | 3 | | 3 | 4 | 3 | | | 3 |
| 22. Spirit Lake | 6 | 136 | 17 | 7 | 3 | 2 | | | | | 1 |
| 23. Humboldt County | | 141 | 3 | 1 | 1 | 13 | 5 | | 1 | | 3 |
| 24. Cherokee | | 217 | 4 | 32 | | | | | | | 2 |
| 25. Canton | | 95 | 82 | 8 | 2 | 1 | | | 1 | | 3 |
| Subtotals | 6 | 1761 | 108 | 171 | 11 | 32 | 14 | 5 | 2 | 0 | 23 |
| MIDDLE THIRD | | | | | | | | | | | |
| 26. Lost Nation | | 178 | 17 | 106 | 3 | 4 | 8 | 1 | 1 | | 1 |
| 27. North Linn | | 107 | 10 | 78 | 1 | 7 | 5 | | | | 3 |
| 28. Cedar Rapids | 6 | 1330 | | 420 | 5 | 2 | 3 | | | | 4 |
| 29. Iowa City | 1 | 726 | | 328 | 3 | 7 | 5 | | 3 | 1 | 1 |
| 30. Amana | | 35 | | 26 | | | 2 | | | | 5 |
| 31. Buchanan County | | 261 | | 45 | 4 | 8 | 7 | | | | 5 |
| 32. Cedar Falls-Waterloo | | 711 | | 142 | 1 | 1 | 2 | | | | 1 |
| 33. Eldora-Union | | 23 | 6 | 1 | | 3 | | | | | 2 |
| 34. Grinnell | | 22 | | 9 | | 2 | | | | | |
| 35. Ames | | 602 | 35 | 107 | | 8 | 9 | | | | 12 |
| 36. Saylorville Reservoir | 300 | 574 | 11 | 143 | 4 | 35 | 17 | 3 | | 4 | 6 |
| 37. Des Moines | 24 | 283 | 3 | 84 | | 4 | 6 | | | | 5 |
| 38. Neal Smith NWR | | 47 | 11 | 45 | | 5 | 2 | | | | |
| 39. SE Webster County | | 100 | 6 | 8 | | | | | | | 1 |
| 40. Boone County | | 234 | 87 | 93 | 9 | 10 | 5 | | | | 5 |
| 41. Jamaica | | 12 | 20 | 25 | 2 | 3 | 6 | 3 | | | 1 |
| 42. Dallas County | | 63 | 12 | 39 | | | | | | | 2 |
| 43. Sac County | | 510 | 35 | 23 | 2 | 9 | 1 | | | | 1 |
| 44. Carroll County | | 188 | 128 | 4 | 2 | 8 | | 2 | | | 2 |
| 45. Ida County | | 120 | 60 | 1 | | 2 | | 1 | 6 | 2 | 1 |
| Subtotals | 331 | 6126 | 441 | 1727 | 36 | 118 | 78 | 10 | 10 | 7 | 58 |
| SOUTHERN THIRD | | | | | | | | | | | |
| 46. Wapello County | | 1107 | 6 | 76 | | | | | | | |
| 47. Red Rock Reservoir | 140 | 69 | 87 | 39 | | 3 | 6 | | 2 | | 1 |
| 48. Rathbun Reservoir | 15 | 41 | 14 | 15 | 6 | 1 | 4 | | | | 7 |
| 49. Lamoni | | 72 | 186 | 153 | 2 | 6 | 4 | | 1 | | 3 |
| 50. Union County | | 14 | 4 | 4 | 3 | 4 | 2 | 3 | 1 | 1 | |
| 51. Taylor County | | 121 | 6 | 73 | 1 | 10 | 7 | | 3 | | |
| 52. Shenandoah | | 156 | 38 | 63 | 2 | 6 | 3 | | | | cw |
| Subtotals | 155 | 1580 | 341 | 423 | 14 | 30 | 26 | 3 | 7 | 1 | 11 |
| TOTALS | 773 | 15127 | 1029 | 5899 | 161 | 276 | 235 | 54 | 19 | 12 | 170 |

| Re He Wo | Re Be Wo | Ye Be Sa | Do Wo | Ha Wo | No Fl | Pi Wo | Am Ke | Me | Pe Fa | No Sh | Bl Ja | Am Cr | Ho La |
|----------------|----------------|----------------|----------|----------|----------|----------|----------|----|----------|----------|----------|----------|----------|
| | 19 | | 27 | 5 | | 4 | 3 | | | | 22 | 152 | 10 |
| 1 | 54 | 2 | 88 | 28 | 7 | 8 | 8 | | | | 96 | 158 | 57 |
| 1 | 50 | 3 | 49 | 18 | 2 | 6 | 6 | 1 | | | 104 | 292 | 60 |
| 5 | 110 | 6 | 103 | 26 | 63 | 15 | 21 | 1 | | 8 | 243 | 304 | 7 |
| 2 | 72 | 1 | 104 | 49 | 12 | 8 | 11 | 1 | 1 | | 120 | 298 | 44 |
| 3 | 18 | | 10 | 5 | 4 | | 1 | | | | 11 | 27 | 87 |
| 13 | 125 | 4 | 169 | 44 | 21 | 11 | 31 | | 2 | | 169 | 129 | 15 |
| 4 | 61 | 3 | 58 | 17 | 9 | 8 | 13 | | | 1 | 77 | 107 | 19 |
| 4 | 86 | 1 | 95 | 30 | 10 | 7 | 20 | | 1 | 2 | 147 | 201 | 163 |
| 6 | 79 | 3 | 73 | 21 | 24 | 10 | 23 | | | 1 | 125 | 112 | 127 |
| 6 | 69 | 2 | 49 | 9 | 24 | 13 | 40 | 2 | 1 | 1 | 52 | 83 | 3 |
| 1 | 114 | 2 | 106 | 19 | 21 | 12 | 20 | | | | 188 | 30000 | 36 |
| 46 | 857 | 27 | 931 | 271 | 197 | 102 | 197 | 5 | 5 | 13 | 1354 | 31863 | 628 |
| | 15 | | 21 | 8 | 2 | | 3 | | | 4 | 23 | 36 | 837 |
| | 59 | 13 | 55 | 12 | 17 | | 2 | | | 6 | 31 | 57 | 58 |
| 1 | 58 | 1 | 73 | 12 | 39 | 2 | 9 | cw | | 4 | 69 | 73 | 7 |
| 38 | 130 | | 108 | 20 | 58 | 5 | 14 | 1 | | cw | 102 | 78 | 8 |
| 39 | 262 | 14 | 257 | 52 | 116 | 7 | 28 | 1 | 0 | 14 | 225 | 244 | 910 |
| | 60 | 1 | 80 | 28 | 3 | 6 | 6 | | | | 138 | 287 | 6 |
| | 36 | | 43 | 19 | 5 | 5 | 1 | | | 4 | 93 | 463 | 3 |
| 6 | 42 | | 47 | 11 | 5 | 2 | 10 | 2 | | 7 | 81 | 278 | 5 |
| | 2 | | 10 | 5 | | | | 1 | | | 42 | 140 | 3 |
| | 23 | | 47 | 18 | 2 | 2 | cw | | | | 84 | 4773 | cw |
| 1 | 23 | | 63 | 22 | 2 | | | | | 2 | 39 | 38 | 1 |
| | 14 | | 15 | 4 | | | 2 | 1 | | | 23 | 73 | 291 |
| 1 | 23 | | 16 | 6 | 4 | | 2 | | | | 24 | 328 | |
| | 13 | | 23 | 6 | 2 | | | 1 | | 3 | 39 | 72 | 628 |
| 8 | 236 | 1 | 344 | 119 | 23 | 15 | 21 | 5 | 0 | 16 | 563 | 6452 | 937 |
| 104 | 64 | 2 | 61 | 30 | 11 | 5 | 49 | | | | 160 | 310 | 12 |
| 1 | 49 | 1 | 41 | 11 | 6 | 1 | 19 | | | 2 | 105 | 154 | 276 |
| 3 | 66 | 1 | 135 | 39 | 10 | 2 | 26 | 1 | | | 102 | 994 | 2 |
| 12 | 65 | 1 | 102 | 12 | 24 | 4 | 18 | 1 | | 2 | 96 | 392 | 14 |
| 3 | 18 | | 26 | 8 | 2 | 3 | 1 | | | | 21 | 85 | 50 |
| 2 | 57 | | 49 | 31 | | | 7 | 1 | | 1 | 138 | 163 | 199 |
| | 38 | | 54 | 19 | | 3 | 9 | | | 3 | 68 | 995 | 3 |
| 6 | 24 | | 19 | 9 | 1 | 2 | 8 | | | 1 | 34 | 51 | |
| | 5 | | 8 | 6 | | | 6 | | | cw | 26 | 97 | 8 |
| 2 | 205 | 2 | 273 | 105 | 6 | 1 | 10 | 1 | | 2 | 247 | 4100 | 13 |
| | 184 | 1 | 148 | 53 | 101 | 3 | 24 | 3 | | 4 | 204 | 278 | 2 |
| | 66 | | 86 | 23 | 18 | | 10 | 4 | | | 75 | 1800 | 4 |
| 2 | 29 | | 36 | 6 | 8 | | 3 | | | 2 | 49 | 118 | 28 |
| | 13 | | 9 | 9 | 2 | | | 1 | | | 10 | 232 | 91 |
| 5 | 183 | 1 | 182 | 92 | 6 | 4 | 7 | | | 7 | 169 | 477 | 111 |
| 15 | 34 | | 34 | 15 | 18 | | 14 | 1 | | 2 | 77 | 98 | 3 |
| | 34 | | 46 | 7 | 2 | | 12 | | | 1 | 107 | 95 | 15 |
| | 24 | | 34 | 13 | 1 | | 9 | | | | 40 | 57 | 29 |
| | 27 | | 38 | 19 | 3 | | 6 | 3 | | cw | 36 | 197 | 168 |
| | 15 | | 31 | 4 | 3 | | 7 | | | 2 | 58 | 172 | |
| 155 | 1200 | 9 | 1412 | 511 | 222 | 28 | 245 | 16 | 0 | 29 | 1822 | 10865 | 1028 |
| 1 | 11 | | 14 | 2 | 4 | | 8 | | | | 57 | 209 | |
| 3 | 60 | | 38 | 12 | 20 | 1 | 21 | 1 | | | 110 | 163 | 4 |
| 12 | 44 | 2 | 40 | 10 | 24 | 1 | 2 | 2 | | 3 | 84 | 261 | 12 |
| 9 | 80 | | 51 | 32 | 96 | 4 | 54 | | | 2 | 506 | 516 | 29 |
| | 7 | | 7 | 3 | 23 | | 7 | | | | 48 | 481 | 20 |
| 2 | 26 | 1 | 19 | 8 | 30 | | 9 | 1 | | 1 | 69 | 305 | 55 |
| 1 | 26 | 1 | 24 | 3 | 11 | | 23 | 1 | | 3 | 109 | 67 | 14 |
| 28 | 254 | 4 | 193 | 70 | 208 | 6 | 124 | 5 | 0 | 9 | 983 | 2002 | 134 |
| 276 | 2809 | 55 | 3137 | 1023 | 766 | 158 | 615 | 32 | 5 | 81 | 4947 | 51426 | 3637 |

Table 2d. Christmas Bird Count Data, 2012–2013

| Location | Bl Ca Ch | Tu Ti | Re Br Nu | Wh Br Nu | Br Cr | Ca Wr | Wi Wr | Go Cr Ki | Ea Bl | He Th | Am Ro |
|---------------------------|----------------|-------------|----------------|----------------|------------|------------|-----------|----------------|-------------|-----------|-------------|
| MISSISSIPPI RIVER | | | | | | | | | | | |
| 1. Yellow River Forest | 50 | 16 | 2 | 16 | | | | | 6 | | |
| 2. SE Clayton County | 324 | 46 | | 180 | 17 | 4 | 6 | 2 | 43 | 3 | 67 |
| 3. Dubuque | 144 | 60 | | 64 | 1 | | 3 | | 22 | | 21 |
| 4. Green Island | 356 | 80 | 6 | 195 | 36 | 13 | 6 | 1 | 204 | 4 | 321 |
| 5. Clinton | 312 | 48 | | 149 | 33 | 23 | 2 | 17 | 48 | 6 | 53 |
| 6. Princeton | 67 | 4 | | 15 | 3 | 2 | | | 1 | | 4 |
| 7. Davenport | 489 | 76 | 8 | 253 | 44 | 22 | 8 | 11 | 63 | 3 | 234 |
| 8. Andalusia | 176 | 36 | 1 | 82 | 12 | 5 | 1 | 1 | 64 | 3 | 156 |
| 9. Muscatine | 375 | 48 | 4 | 121 | 10 | 12 | 2 | 3 | 41 | 5 | 116 |
| 10. West Mercer County | 189 | 34 | 3 | 86 | 10 | 8 | 4 | 3 | 14 | 5 | 137 |
| 11. Burlington | 166 | 70 | 1 | 49 | | 20 | 1 | | 82 | | 657 |
| 12. Keokuk | 295 | 124 | 6 | 124 | 19 | 61 | 2 | 4 | 91 | 1 | 375 |
| Subtotals | 2943 | 642 | 31 | 1334 | 185 | 170 | 35 | 42 | 679 | 30 | 2141 |
| MISSOURI RIVER | | | | | | | | | | | |
| 13. Westfield | 36 | | | 12 | | | | | 1 | | |
| 14. Sioux City | 126 | | 5 | 63 | 7 | 4 | 1 | | 12 | | 21 |
| 15. De Soto NWR | 205 | 15 | 4 | 76 | 4 | 8 | 1 | | 80 | 2 | 941 |
| 16. Omaha | 254 | 28 | 2 | 174 | 14 | 48 | 2 | 1 | 81 | | 476 |
| Subtotals | 621 | 43 | 11 | 325 | 25 | 60 | 4 | 1 | 174 | 2 | 1438 |
| NORTHERN THIRD | | | | | | | | | | | |
| 17. NW Clayton County | 261 | 15 | 3 | 208 | 21 | | 3 | 2 | 43 | 5 | 3 |
| 18. Decorah | 174 | 15 | 7 | 61 | 5 | | 1 | | 4 | | 6 |
| 19. Bremer County | 95 | | 1 | 36 | 3 | 1 | | | | | |
| 20. Worth County | 20 | | | 10 | | | | | | | |
| 21. Mason City | 181 | | 4 | 50 | 2 | | | | | | |
| 22. Spirit Lake | 144 | | 15 | 69 | 10 | | | | | | |
| 23. Humboldt County | 45 | | 1 | 24 | | 1 | | | | | |
| 24. Cherokee | 28 | | 2 | 16 | 2 | | | | | | |
| 25. Canton | 33 | | | 23 | 10 | | | | | | |
| Subtotals | 981 | 30 | 33 | 497 | 53 | 2 | 4 | 2 | 47 | 5 | 9 |
| MIDDLE THIRD | | | | | | | | | | | |
| 26. Lost Nation | 191 | 41 | 2 | 79 | 10 | | | 10 | 36 | 3 | 359 |
| 27. North Linn | 165 | 12 | | 57 | 15 | 1 | | 1 | 9 | 1 | 5 |
| 28. Cedar Rapids | 361 | 24 | 5 | 105 | 12 | 8 | 1 | 2 | 13 | | 14 |
| 29. Iowa City | 227 | 42 | 6 | 80 | 3 | 4 | | | 36 | | 154 |
| 30. Amana | 45 | 2 | | 20 | 1 | | | | | | 1 |
| 31. Buchanan County | 169 | 7 | 1 | 118 | 2 | 1 | | 1 | | | 1 |
| 32. Cedar Falls-Waterloo | 201 | | 5 | 61 | 6 | | | | | | |
| 33. Eldora-Union | 46 | | 1 | 31 | 2 | 1 | | | | | |
| 34. Grinnell | 9 | | | 6 | | | | | 4 | | |
| 35. Ames | 880 | 7 | 20 | 327 | 101 | 12 | 1 | 1 | 18 | | 16 |
| 36. Saylorville Reservoir | 372 | 19 | 3 | 178 | 9 | 3 | 3 | 2 | 147 | 2 | 369 |
| 37. Des Moines | 230 | 16 | 3 | 104 | 5 | 7 | | | 19 | | 77 |
| 38. Neal Smith NWR | 94 | 2 | 1 | 58 | 2 | | | | 7 | | 13 |
| 39. SE Webster County | 144 | | | 33 | | | | | | | |
| 40. Boone County | 406 | 57 | 2 | 181 | 7 | 1 | | 1 | 29 | | 24 |
| 41. Jamaica | 89 | 2 | 9 | 112 | 2 | 3 | 4 | | 14 | | 30 |
| 42. Dallas County | 131 | 9 | 3 | 50 | | | | | 20 | | 17 |
| 43. Sac County | 63 | | 4 | 66 | 3 | | | | | | |
| 44. Carroll County | 41 | | 4 | 46 | 2 | cw | | | | | 1 |
| 45. Ida County | 45 | | 5 | 10 | 7 | | | | | | |
| Subtotals | 3909 | 240 | 74 | 1722 | 189 | 41 | 9 | 18 | 352 | 6 | 1081 |
| SOUTHERN THIRD | | | | | | | | | | | |
| 46. Wapello County | 121 | 13 | 1 | 16 | | | | | 13 | | 1 |
| 47. Red Rock Reservoir | 145 | 11 | 3 | 58 | 1 | 1 | | | 21 | | 114 |
| 48. Rathbun Reservoir | 142 | 27 | | 46 | 1 | 1 | | 2 | 101 | 2 | 120 |
| 49. Lamoni | 424 | 101 | 1 | 168 | 2 | 9 | 1 | 1 | 237 | | 1409 |
| 50. Union County | 37 | 2 | 1 | 14 | | | | | 11 | | 1997 |
| 51. Taylor County | 41 | 4 | | 35 | 8 | 2 | | | 36 | 1 | 474 |
| 52. Shenandoah | 31 | cw | 1 | 17 | 1 | 1 | 1 | cw | 11 | | 152 |
| Subtotals | 941 | 158 | 7 | 354 | 13 | 14 | 2 | 3 | 430 | 3 | 4267 |
| TOTALS | 9395 | 1113 | 156 | 4232 | 465 | 287 | 54 | 66 | 1682 | 46 | 8936 |

| Eu St | Ce Wa | La Lo | Sn Bu | Ye Ru Wa | Sp To | Am Tr Sp | Fo Sp | So Sp | Li Sp | Sw Sp | Wh Th Sp | Ha Sp | Wh Cr Sp |
|----------|----------|----------|----------|----------------|----------|----------------|----------|----------|----------|----------|----------------|----------|----------------|
| 250 | 15 | | | | | 91 | | | | 1 | | | |
| 293 | 255 | 2 | 1 | 15 | | 98 | | 17 | | 3 | 5 | | |
| 813 | | | | 3 | | 107 | 7 | 18 | | 4 | 9 | | 1 |
| 1248 | 441 | 8 | | 21 | | 562 | 3 | 19 | | 11 | 1 | | 1 |
| 6001 | 158 | 4 | 1 | 7 | | 341 | 1 | 15 | | 13 | 25 | | |
| 576 | | 161 | 1 | | | 212 | | 2 | | | | | |
| 15778 | 343 | | | | | 694 | | 130 | 2 | 5 | 37 | | 6 |
| 858 | 11 | 2 | | 2 | | 450 | | 38 | | 3 | 26 | | 5 |
| 2007 | 23 | 7 | 1 | | | 679 | | 19 | | 3 | 3 | | |
| 793 | 35 | 15 | | 10 | | 1193 | 1 | 48 | | 24 | 3 | | 43 |
| 1888 | 415 | 1 | | 6 | | 339 | 6 | 41 | | 8 | 37 | 1 | 25 |
| 3123 | 132 | 7 | | 3 | | 170 | 4 | 55 | 1 | 14 | 132 | 3 | 2 |
| 33628 | 1828 | 207 | 4 | 67 | 0 | 4936 | 22 | 402 | 3 | 89 | 278 | 4 | 83 |
| | | 30 | 564 | | | 626 | | 1 | | | | | |
| 936 | 3 | | | | | 550 | 1 | 2 | | | | 13 | 4 |
| 1057 | 27 | | 59 | | 7 | 678 | 19 | 74 | 2 | 12 | 19 | 207 | 27 |
| 1581 | 48 | 28 | | | 6 | 545 | 8 | 81 | 2 | 11 | 10 | 217 | |
| 3574 | 78 | 58 | 623 | 0 | 13 | 2399 | 28 | 158 | 4 | 23 | 29 | 437 | 31 |
| 258 | 66 | | | 1 | | 122 | | 2 | | 1 | 2 | | |
| 320 | 27 | | | 4 | | 425 | | 2 | | | 2 | | |
| 385 | | 1 | | | | 590 | | 3 | | 3 | | 1 | |
| 54 | | | 423 | | | 613 | | | | | | 5 | |
| 423 | 43 | 24 | | | | 271 | | 3 | | | | 1 | |
| 1212 | 49 | | | | | 347 | | | | | | 3 | |
| 438 | 2 | 12 | 198 | | | 71 | | 2 | | | | 1 | |
| 109 | | 10 | 3 | | | 23 | | | | | | | |
| 127 | 5 | 12 | 459 | | | 214 | | | | | | 2 | |
| 3326 | 192 | 59 | 1083 | 5 | 0 | 2676 | 0 | 12 | 0 | 4 | 4 | 13 | 0 |
| 2054 | 14 | 14 | 3 | 2 | | 242 | 1 | 6 | | 2 | 6 | | |
| 745 | 39 | 3 | | | | 96 | | 1 | | | 21 | | |
| 1176 | 161 | 4 | | | | 96 | | 11 | | 1 | 11 | | |
| 871 | 595 | | | 2 | | 396 | 2 | 11 | | 3 | 27 | 5 | 61 |
| 325 | | | 15 | | | 40 | | 1 | | | 2 | 1 | 3 |
| 761 | 2 | 260 | 53 | | | 150 | 1 | 11 | 1 | 2 | 1 | 1 | 3 |
| 1363 | 3 | | | | | 304 | | 6 | | 3 | | | |
| 335 | | | | | | 207 | | | | | | | |
| 24 | | | | | | 3 | | | | | | | |
| 1748 | 283 | 23 | | | 1 | 714 | 1 | 36 | | 3 | 20 | 9 | 2 |
| 2551 | 599 | 60 | 1 | 3 | | 1509 | 8 | 27 | | 8 | 25 | 15 | 20 |
| 878 | 34 | 4 | | | | 245 | | 12 | | 3 | 15 | 9 | 6 |
| 289 | | | | | | 49 | | 7 | | 1 | | 12 | |
| 720 | | 8 | 180 | | | 80 | | 5 | | | | 2 | |
| 1399 | 48 | 1 | 4 | 1 | 1 | 140 | | 11 | | 5 | | 8 | |
| 337 | 38 | | | | | 171 | | 1 | | 2 | | 1 | |
| 393 | 16 | | | | | 366 | | | | | | 2 | |
| 828 | 15 | 9 | 2 | | | 237 | | 7 | | | 1 | 11 | |
| 1184 | 86 | 8 | 55 | | | 334 | | 3 | | | | 27 | |
| 262 | | | | | | 213 | | 1 | | | | 2 | |
| 18243 | 1933 | 394 | 313 | 8 | 2 | 5592 | 13 | 157 | 1 | 33 | 129 | 105 | 95 |
| 384 | 130 | | | | | | | 1 | | | | | |
| 781 | 142 | | | 1 | | 392 | | 35 | 1 | 15 | 7 | 5 | |
| 456 | 242 | | 2 | 2 | | 437 | | 5 | | 1 | 10 | 7 | 6 |
| 1248 | 793 | 20 | | 1 | | 1746 | 8 | 44 | | 4 | 9 | 126 | 18 |
| 367 | 23 | | | 3 | | 77 | 6 | 4 | | | | 10 | |
| 235 | 108 | 26 | | | | 837 | | 1 | | | | 48 | 8 |
| 976 | 21 | 11 | | | 1 | 183 | | 3 | | | 10 | 19 | 3 |
| 4447 | 1459 | 57 | 2 | 7 | 1 | 3672 | 14 | 93 | 1 | 20 | 36 | 215 | 35 |
| 63218 | 5490 | 775 | 2025 | 87 | 16 | 19275 | 77 | 822 | 9 | 169 | 476 | 774 | 244 |

Table 2e. Christmas Bird Count Data, 2012-2013

| Location | Da Ey Ju | No Ca | Re Wi Bl | Ea Me | We Me | me sp | Ru Bl | Co Gr | Br He Co | Pu Fi | Ho Fi |
|---------------------------|----------------|-------------|----------------|-----------|-----------|------------|------------|-------------|----------------|------------|-------------|
| MISSISSIPPI RIVER | | | | | | | | | | | |
| 1. Yellow River Forest | 389 | 44 | 2 | | | | | | 1 | | 12 |
| 2. SE Clayton County | 513 | 220 | | | | | | | | 5 | 80 |
| 3. Dubuque | 680 | 166 | 1 | | | | | | | 31 | 39 |
| 4. Green Island | 786 | 240 | 2153 | | | | 30 | 2 | 23 | 210 | 146 |
| 5. Clinton | 477 | 182 | 2251 | | | | | 2 | 25 | 73 | 78 |
| 6. Princeton | 285 | 95 | 11 | | | | | 1500 | 1 | | 11 |
| 7. Davenport | 1032 | 475 | 14333 | 1 | | | 38 | 5208 | 79 | 35 | 262 |
| 8. Andalusia | 430 | 186 | 200 | | | 2 | | | 1 | 2 | 24 |
| 9. Muscatine | 1300 | 463 | 49 | 10 | | | 1 | 1 | 40 | 37 | 162 |
| 10. West Mercer County | 1040 | 402 | 166 | 3 | | | 5 | 1 | | 4 | 55 |
| 11. Burlington | 610 | 232 | 165 | | | | | 4 | 41 | 6 | 105 |
| 12. Keokuk | 534 | 443 | 10358 | | | | | 221 | 7 | 58 | 67 |
| Subtotals | 8076 | 3148 | 29689 | 14 | 0 | 2 | 74 | 6939 | 218 | 461 | 1041 |
| MISSOURI RIVER | | | | | | | | | | | |
| 13. Westfield | 337 | 52 | 107 | | | | 2 | 1 | | 2 | 2 |
| 14. Sioux City | 366 | 52 | | | 35 | | | | | 6 | 26 |
| 15. De Soto NWR | 838 | 116 | 152 | | 1 | 95 | | | | 1 | 17 |
| 16. Omaha | 808 | 176 | 1416 | | cw | 103 | 1 | 2 | | | 29 |
| Subtotals | 2349 | 396 | 1675 | 0 | 36 | 198 | 3 | 3 | 0 | 9 | 74 |
| NORTHERN THIRD | | | | | | | | | | | |
| 17. NW Clayton County | 539 | 183 | | | | | | | 4 | 68 | 65 |
| 18. Decorah | 849 | 121 | 17 | | | | | | | 16 | 40 |
| 19. Bremer County | 262 | 95 | 351 | | | | 47 | 2 | 2 | 2 | 94 |
| 20. Worth County | 253 | 27 | | | | | 5 | 1 | | | 39 |
| 21. Mason City | 278 | 58 | 1 | | | | | 22 | | 1 | 45 |
| 22. Spirit Lake | 123 | 14 | 31 | | | | | 4 | 4 | 7 | 56 |
| 23. Humboldt County | 74 | 62 | | | | | | | | | 12 |
| 24. Cherokee | 232 | 14 | | | | | 25 | | | | 12 |
| 25. Canton | 466 | 6 | | | 4 | | | 1 | | | |
| Subtotals | 3076 | 580 | 400 | 0 | 4 | 0 | 77 | 30 | 10 | 94 | 363 |
| MIDDLE THIRD | | | | | | | | | | | |
| 26. Lost Nation | 565 | 147 | 579 | | | 1 | | 1 | 22 | 5 | 46 |
| 27. North Linn | 818 | 287 | 18 | | | | 1 | 1 | 8 | 47 | 99 |
| 28. Cedar Rapids | 557 | 328 | 3 | 1 | | | 1 | | 2 | 6 | 224 |
| 29. Iowa City | 582 | 299 | 100 | | | | | | | 11 | 257 |
| 30. Amana | 75 | 50 | 3 | | | | | 1 | 4 | | 25 |
| 31. Buchanan County | 1280 | 224 | 20 | | | | | 2 | 25 | 11 | 181 |
| 32. Cedar Falls-Waterloo | 230 | 130 | | | | | | | | 11 | 97 |
| 33. Eldora-Union | 65 | 23 | | | | | | | | 1 | 19 |
| 34. Grinnell | 119 | 53 | | | | 7 | | | | 6 | 4 |
| 35. Ames | 1143 | 481 | 241 | | | | 2 | 5 | 6 | 15 | 371 |
| 36. Saylorville Reservoir | 1478 | 320 | 488 | | | | 1 | 1 | 3 | 44 | 169 |
| 37. Des Moines | 705 | 191 | | | | | | 2 | 2 | | 117 |
| 38. Neal Smith NWR | 146 | 70 | 14 | | | 63 | | cw | | 3 | 46 |
| 39. SE Webster County | 183 | 25 | | | | | 1 | | 75 | | |
| 40. Boone County | 1169 | 231 | 62 | | | 5 | 2 | cw | | 22 | 49 |
| 41. Jamaica | 158 | 36 | 650 | | | | | 10 | | 38 | 24 |
| 42. Dallas County | 281 | 49 | 67 | | | 2 | | | | 2 | 21 |
| 43. Sac County | 234 | 55 | 2 | | | | | | | 8 | 3 |
| 44. Carroll County | 308 | 83 | 13 | | | 41 | | 1 | | 1 | 108 |
| 45. Ida County | 249 | 33 | 10 | | 3 | | | 28 | | | 14 |
| Subtotals | 10345 | 3115 | 2270 | 1 | 3 | 119 | 8 | 52 | 147 | 231 | 1874 |
| SOUTHERN THIRD | | | | | | | | | | | |
| 46. Wapello County | 138 | 112 | | | | | | 40 | | | |
| 47. Red Rock Reservoir | 293 | 209 | 801 | | | | 30 | 15 | | 7 | 13 |
| 48. Rathbun Reservoir | 399 | 148 | 18 | | | | | 6 | 100 | 41 | 6 |
| 49. Lamoni | 1227 | 351 | 238 | | | 1 | 49 | 3 | 42 | 64 | 141 |
| 50. Union County | 313 | 67 | 1 | | | | 1 | | | 10 | 29 |
| 51. Taylor County | 538 | 74 | 25 | | | 38 | | | | 8 | |
| 52. Shenandoah | 296 | 105 | 1018 | | | 8 | 2 | cw | 3 | | 39 |
| Subtotals | 3204 | 1066 | 2101 | 0 | 0 | 47 | 82 | 64 | 145 | 130 | 228 |
| TOTALS | 27050 | 8305 | 36135 | 15 | 43 | 366 | 244 | 7088 | 520 | 925 | 3580 |

| Re Cr | Wh Wi Cr | Co Re | Pi Si | Am Go | Ho Sp | Eu Tr Sp |
|----------|----------------|----------|----------|----------|----------|----------------|
| cw | | 3 | 5 | 44 | 201 | |
| | | 35 | 8 | 111 | 277 | |
| | | 8 | 23 | 161 | 394 | |
| | | | 51 | 139 | 501 | |
| | | | 5 | 150 | 1285 | 2 |
| 8 | | 1 | 5 | 16 | 182 | 22 |
| | | 1 | 204 | 264 | 1544 | 121 |
| | | | 17 | 49 | 467 | 117 |
| | | | 24 | 134 | 1488 | 385 |
| | | | 3 | 161 | 1637 | 1299 |
| 6 | 10 | | 87 | 164 | 327 | 220 |
| | | | 22 | 330 | 435 | 119 |
| 14 | 10 | 5 | 484 | 1723 | 8738 | 2285 |
| 0 | 0 | 415 | 4 | 36 | 362 | |
| | | 26 | 47 | 24 | 214 | |
| | | 239 | 78 | 224 | 436 | |
| | | | 135 | 224 | 371 | |
| | | 680 | 264 | 508 | 1383 | 0 |
| 0 | 0 | 4 | 25 | 66 | 960 | |
| | | 2 | 44 | 235 | 458 | |
| | | | 91 | 31 | 737 | |
| | | 4 | | 34 | 506 | |
| | | | 233 | 45 | 360 | |
| 0 | 0 | 37 | 2 | 86 | 503 | |
| | | 18 | 24 | 2 | 436 | |
| | | 52 | 35 | 57 | 208 | |
| | | 68 | | 44 | 704 | |
| | | 185 | 454 | 600 | 4872 | 0 |
| I | I | 30 | 2 | 234 | 2321 | 21 |
| | | 8 | 20 | 49 | 876 | 20 |
| | | | 145 | 164 | 1026 | 3 |
| | | | 197 | 227 | 954 | 21 |
| | | | | 40 | 100 | 70 |
| I | | 11 | 72 | 90 | 2432 | 6 |
| | | | 86 | 95 | 807 | |
| | | | 16 | 8 | 120 | |
| | | cw | 12 | 57 | 15 | |
| | | 84 | 435 | 255 | 1446 | |
| 6 | I | 72 | 53 | 562 | 624 | |
| | | 49 | 70 | 150 | 454 | |
| | | 11 | 6 | 44 | 404 | |
| | | | | 10 | 290 | |
| | | | 62 | 218 | 1264 | |
| 10 | | 20 | 2 | 42 | 213 | |
| | | | 84 | 92 | 244 | |
| | | 48 | 29 | 31 | 936 | |
| | | 21 | 23 | 58 | 1492 | |
| | | 60 | 6 | 26 | 349 | |
| 3 | 17 | 414 | 1320 | 2452 | 16367 | 141 |
| 0 | 0 | | 64 | 74 | 323 | |
| | | | 3 | 151 | 332 | |
| | | | 55 | 239 | 271 | |
| | | | 2 | 283 | 483 | |
| | | | 1 | 74 | 212 | |
| 0 | 0 | | 1 | 73 | 34 | |
| | | | 1 | 68 | 677 | |
| | | 0 | 126 | 962 | 2332 | 0 |
| | | 17 | 27 | 6245 | 33692 | 2426 |
| | | 1284 | 2648 | 6245 | 33692 | 2426 |

Table 3. Species reported on three or fewer Christmas Bird Counts, 2012–2013

| Species | Counts |
|-------------------------|--|
| Mute Swan | Jamaica (1) |
| Blue-winged Teal | Keokuk (5), Iowa City (1) |
| Surf Scoter | Keokuk (1) |
| White-winged Scoter | Davenport (2) |
| Long-tailed Duck | Clinton (1), Davenport (1), Keokuk (1) |
| duck sp. | Omaha (25), Red Rock (1) |
| Common Loon | Iowa City (1), Red Rock (2) |
| Eared Grebe | Rathbun (4) |
| Western Grebe | Red Rock (1) |
| Turkey Vulture | NW Clayton County (1) |
| buteo sp. | Boone County (1), Taylor County (1) |
| raptor/hawk sp. | Dubuque (3), Neal Smith NWR (1) |
| Bonaparte's Gull | Rathbun (34) |
| Thayer's Gull | Davenport (1), Saylorville (2), Red Rock (1) |
| Glaucous Gull | Saylorville (2) |
| Great Black-backed Gull | Keokuk (1) |
| Snowy Owl | Ames (1), Ida County (1), Shenandoah (1) |
| owl sp. | Canton (1) |
| woodpecker sp. | Neal Smith NWR (1) |
| Prairie Falcon | Omaha (1) |
| Loggerhead Shrike | Muscatine (1), Union County (1) |
| shrike sp. | Cherokee (1), Red Rock (2) |
| Black-billed Magpie | Westfield (2) |
| Marsh Wren | Lamoni (5) |
| Ruby-crowned Kinglet | Green Island (2), Clinton (1), Burlington (1) |
| Mountain Bluebird | Green Island (1) |
| Townsend's Solitaire | Green Island (1) |
| Gray Catbird | Jamaica (1) |
| Northern Mockingbird | Green Island (4), Lamoni (1) |
| Brown Thrasher | Jamaica (3), Sac County (1) |
| Pine Warbler | Keokuk (1) |
| Eastern Towhee | Davenport (1), DeSoto NWR (2), Boone County (cw) |
| Field Sparrow | Jamaica (1) |
| Savannah Sparrow | Muscatine (1), Western Mercer County (2), DeSoto NWR (1) |
| sparrow sp. | DeSoto NWR (1), Cherokee (46) |
| Yellow-headed Blackbird | Spirit Lake (1) |
| Brewer's Blackbird | Cedar Rapids (1), Red Rock (3), Lamoni (2) |
| icterid sp. | Boone County (1) |

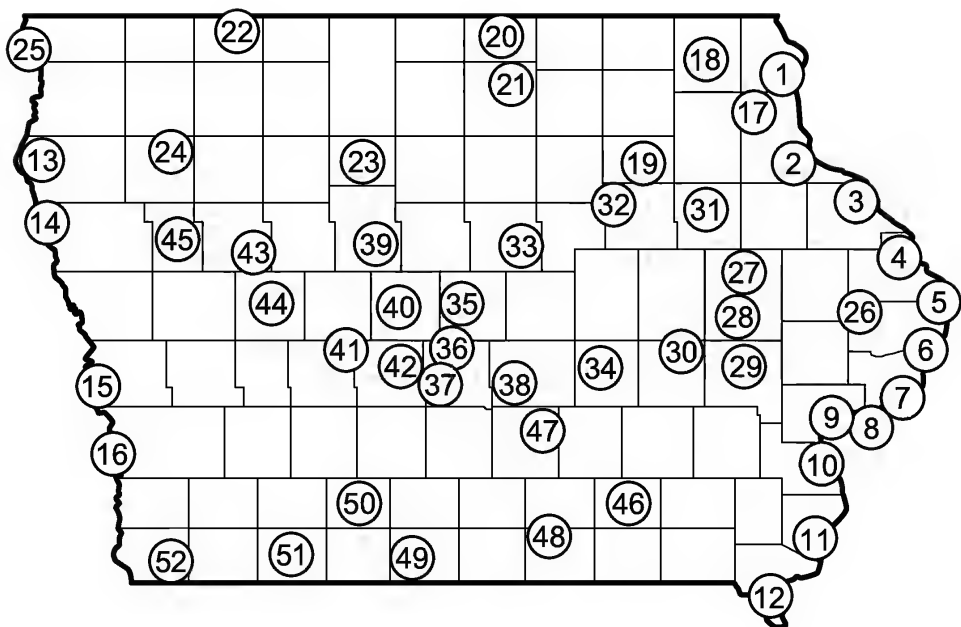
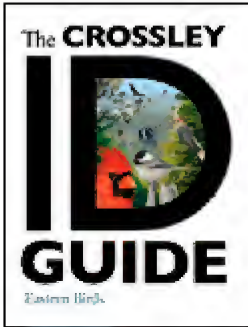


Figure 1. Christmas bird counts in Iowa, 2012–2013 (see Tables 2 and 3).

Book Review

Stephen J. Dinsmore



The Crossley ID Guide: Eastern Birds by Richard Crossley. 2011. 544 pp., 10,000+ color photographs, Princeton University Press, Princeton, ISBN 978-0-691-14778-9, \$35.00 (soft cover).

As many birders can attest, the array of bird field guides continues to grow and spans a spectrum from general references to specialized texts that focus on one or a few taxa. *The Crossley ID Guide: Eastern Birds* falls into the former, although in many respects it differs from traditional field guides. The book covers eastern birds only, in contrast to the large *The Sibley Guide to Birds* that includes birds from throughout North

America. This is a large format book that won't easily fit into a pocket, and is probably most useful as a reference guide for the home or car.

The text begins with several pages of small photos of each species (not in taxonomic order) in differing postures. This is labeled a “Quick key to species”, yet only regularly occurring species covered in the text are depicted here. Four-letter alpha codes are used in lieu of full species names, presumably to save space, and this will confuse readers not familiar with this system (it is most common among bird banders). A later note calls these plates a good starting point and states “In most cases, a species will be identifiable from these plates.” Perhaps, but not for many birders. A short 14-page introductory section follows, complete with a history of the making of this book, how to use it, the usual anatomical illustrations, and some notes on terminology and the appearance of birds. Crossley makes an argument for his organization of species by habitat and physical appearance, which the taxonomist in me dislikes. Sure, taxonomy is a changing field, but it isn't very often that there are major changes in taxonomic order (e.g., the recent move of Falconiformes to follow the woodpeckers). It is a proven system for organizing birds that has worked very well, so why change it? There was nothing I disliked more about the early National Audubon Society field guides to North American birds (Eastern and Western regions) than their grouping of birds by shape and color—finding a species was sometimes a major headache! The bulk of the text is comprised of species accounts, typically one per page, and this is split between photographs and text. The text is minimal (maybe 25% of the average species account) and includes a small, color-coded range map. Species accounts are organized into eight groups, although I couldn't find any text justifying why these groups were used. Two groups were swimming waterbirds (mainly waterfowl, but also loons, grebes, and alcids) and flying waterbirds (petrels, shearwaters, gulls, terns, etc.). Certainly, both groups swim and fly regularly, so it wasn't clear to me why they were grouped this way. The introductory material for each section was brief but included many useful facts and tips for identification. And a category called “Miscellaneous larger landbirds” isn't all that useful for a field

guide that is organized around habitat, behavior, etc. A more informative name for this group would have helped.

One item I really liked was the discussion of probability as a bird identification tool. Crossley devotes just two small paragraphs to this topic, which is admittedly how many experienced birders (as Crossley himself admits) identify the majority of the birds they see. Knowing something about probability, for example range or seasonal limits, can greatly aid identifying many birds.

The array of color photographs included in this guide is impressive, and is clearly its major strength. The author states that the book includes more than 10,000 images for 660 species, or about 15 images per species. Obviously, the reliance on photos limits what can be shown for some species, and there is quite a bit of variation in the size and number of photos across species. Mountain Plover (a favorite of mine) receives about one third of a page, perhaps because it is a rare species in the East. Most photos of the plover are too small to illustrate any meaningful detail, and none of the photos depicts the front of an alternate plumaged bird. Postures depicted across species differ quite a bit—the Short-tailed Hawk account, for example, is about half a page and includes no images of a perched bird. Perhaps this affirms the author's claim that the guide depicts birds as we see them, hinting that we seldom see a perched individual of this species? I like the molding of individual photos into a scene, complete with a depiction of the habitat. However, the habitat is limited to just one type per photo, and one could argue that a scene like the one shown for Tufted Titmouse really isn't all that lifelike—eight individuals doing all sorts of things in close proximity.

I suspect that many readers have a preference for the use of color illustrations or color photographs in field guides. Well-done drawings, many using a series of photographs as a template, have the advantage of illustrating a species in its normal or typical appearance. I prefer such drawings, and the Crossley guide hasn't changed my mind. Photographs are often touted as being more realistic, but there are inherent challenges such as individual variation in appearance, lighting conditions, and much more. Crossley attempts to overcome some of these problems by presenting so many photos for each species, and I will agree that this is a far better approach than used by some earlier photographic field guides.

My overall assessment is that this is a solid field guide that expands how we use and arrange photographs of birds in a field guide format. Some birders will undoubtedly prefer this format to standard field guides. The limited text and lack of labels for key fieldmarks on the photos suggest that this book will be of greatest interest to novice birders; more advanced birders are probably better off investing in the more specialized field guides that emphasize specific taxa. The book's inside jacket states "...Crossley revolutionizes birding by providing the first real-life approach to identification." This is a slight exaggeration—countless other field guides emphasize many of the same points, albeit with fewer illustrations or photographs, and birders have benefitted tremendously from those earlier efforts. Nonetheless, most birders will discover that this is yet another useful reference on bird identification that will complement other field guides in their library.

5711 Valley Road, Ames, IA 50014 (cootjr@iastate.edu)

Fifty Years Ago in *Iowa Bird Life*

James J. Dinsmore

The main article in the June 1963 issue of *Iowa Bird Life* is the report on the annual meeting held 10-12 May in Sioux City. Registered attendance was 114 including some from South Dakota and Nebraska. President Dean Roosa presided over Saturday's scientific session which included a full program of talks on various topics. About 135 people attended the Saturday evening banquet. The banquet speaker was Iowa native Ira Gabrielson, president of the Wildlife Management Institute, who spoke on various conservation issues being discussed in Washington, D.C. The Saturday field trips had about 135 participants and found a total of 134 species including a pair of Say's Phoebes nesting near Akron.

In another article William Youngworth provided a summary of Northern Mockingbird records in northwestern Iowa. He noted that the species probably occurs there yearly although it is often overlooked. He also listed a number of nesting records including one from Plymouth County in 1962. An article by Peter Petersen summarized the results of a three-day banding trip to Muskrat Slough in Jones County. A total of 33 species were banded including 11 species of shorebirds.

The field reports section for spring 1963, Woodward Brown mentioned more than 100 species, the fullest report to date in this rapidly growing section of the journal. Some of the more unusual birds mentioned were a Cattle Egret in Wright County, White-faced Ibis near Salix in Woodbury County, a Yellow Rail at Muskrat Slough, and two Whimbrels seen and photographed near Iowa City.

646 Mallory Hill Drive, The Villages, FL 32162 (oldcoot@iastate.edu)

Photo Quiz

Stephen J. Dinsmore

For this issue, let's try a bird that seems to like water. Any guesses? And remember that IOU members can access *Iowa Bird Life* through the IOU web page and view a color version of the photo.





Northern Saw-whet Owl, Hickory Hill P, Johnson, 5 December 2012. Photograph by Jim Scheib, Iowa City, IA.



Spotted Towhee, Ogden, Boone, 1 February 2013. Photograph by Larry Dau, Boone, IA.

ANNUAL MEMBERSHIP DUES (renewable yearly): Fledgling (students) \$15, Institutional (domestic) \$30, Institutional (foreign) \$45, Goldfinch \$30, Bluebird \$35, Oriole \$50, Egret \$75, Osprey \$100, Bald Eagle \$250, and Peregrine Falcon \$500+. Membership dues entitle members to receive *Iowa Bird Life* and *IOU News* quarterly and to vote and hold office in the Union. Contributions are tax deductible to the extent allowed by law. Join, give a gift, or manage your membership on-line at <www.iowabirds.org>. Paper forms for new members and renewals may be mailed to the treasurer. Back issues of *Iowa Bird Life* are available from Membership Coordinator Pam Allen, 7955 Wistful Vista Dr., #20, West Des Moines, IA 50266 (2birders@hickorytech.net).

INSTRUCTIONS TO AUTHORS: Original manuscripts, notes, letters (indicate if for publication), editorials, and other material relating to birds in Iowa should be sent by e-mail attachment in Microsoft Word to editor. Research manuscripts should include abstract, introduction, study area, methods, results, discussion, and literature cited sections and will be sent for peer review. Accepted manuscripts will be published promptly depending on space available.

Photos and graphics: Submit only original, unsized, and unenhanced photos in your camera's JPEG (*.jpg) format. Photos must be 300 dpi at the size they will be printed (6-1/2" wide by 6-1/2" high for the cover and various smaller sizes inside), so setting your camera to its highest possible resolution is recommended. The editor will do any resizing and enhancing required because any previous adjustments to the photos may make them unusable. Submit photos and graphics as e-mail attachments.

E-mail all material other than seasonal reports to editor at cootjr@iastate.edu. Deadlines for submission are **January 1 for winter issue** (Vol. xx[1]), **April 1 for spring issue** [2], **July 1 for summer issue** [3], **October 1 for fall issue** [4]. Send seasonal field reports to field reports editors by deadlines listed on inside front cover.

IOU News Co-editors: John and Anna Bissell, 328 SE Cedarwood Drive, Grimes, IA50111-1143 (John.annabissell@gmail.com)

IOU WEB SITE: <www.iowabirds.org>, Ann Johnson, Webmaster

IOWA RBA: John Bissell (john.annabissell@gmail.com)

CHRISTMAS BIRD COUNT: Deadline for receipt of reports is 15 January. For forms and instructions, contact Christopher J. Caster, 4 South Ridge Ct., Coralville, IA 52241 (cjcaster@earthlink.net).

BIRD SIGHTINGS: Subscribe at <www.iowabirds.org>

ADDRESS CHANGES: Update your on-line profile at <www.iowabirds.org> or send address and e-mail changes to Membership Coordinator Pam Allen, 7955 Wistful Vista Dr., #20, West Des Moines, IA 50266 (2birders@hickorytech.net).

UPCOMING MEETINGS OF THE IOWA ORNITHOLOGISTS' UNION: Spring: 16–18 May 2014, Bellevue, Nebraska (joint meeting with Nebraska Ornithologists' Union).

FRONT COVER PHOTO: Common Redpoll, Boone, 1 December 2012. Photograph by Larry Dau, Boone, IA.

BACK COVER PHOTO: Northern Saw-whet Owl, Saylerville WA, Dallas, 16 December 1012. Photograph by Billy Reiter-Marolf, Granger, IA.

DESIGN: Marshall Desktop Publishing Inc., Evergreen, CO

GRAPHICS: Richard Beachler, Boone, IA

PRINTER: Centennial Printing, Louisville, CO



CONTENTS

| | |
|---|----|
| Field Reports—Winter 2012–2013 <i>by Francis L. Moore</i> | 49 |
| Iowa Christmas Bird Count, 2012–2013 <i>by Chris Caster</i> | 64 |
| Book Review: <i>The Crossley ID Guide: Eastern Birds</i> <i>by Stephen J. Dinsmore</i> | 85 |
| Fifty Years Ago in Iowa Bird Life <i>by James J. Dinsmore</i> | 86 |
| Photo Quiz <i>by Stephen J. Dinsmore</i> | 87 |